College credit courses for associate and bachelor degrees and certificate programs
Accreditation and Governance

State College of Florida, Manatee-Sarasota (SCF) is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate and baccalaureate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, GA, 30033-4097, or call 404-679-4500 for questions about the accreditation of SCF.

SCF is governed by the Florida Legislature and by the SCF District Board of Trustees. Fees are subject to change without prior notice whenever conditions make it necessary.

Statement of Nondiscrimination

State College of Florida, Manatee-Sarasota (SCF) is an equal opportunity and access institution that does not discriminate on the basis of sex, race, religion, age, national origin/ethnicity, color, marital status, disability, genetic information, sexual orientation and any other factor prohibited under applicable federal, state, and local civil rights laws, rules and regulations in any of its educational programs, services or activities, including admission and employment.

Equity Officer, ADA Coordinator and Title IX Coordinator: Gloria M. Tracy
State College of Florida
P.O. Box 1849, Bradenton, FL 34206
941-752-5323

Section 504 Coordinator: Jennifer J. La Hurd
State College of Florida
P.O. Box 1849, Bradenton, FL 34206
941-752-5599

This publication can be made available to persons with disabilities in a variety of formats. Requests should be made to the disability resource center coordinator, SCF, P.O. Box 1849, Bradenton, FL, 34206, or call 941-752-5000, SCF Bradenton, or 941-408-1300, SCF Venice, at least two weeks prior to the time the publication is needed.

Disabled individuals requiring accommodations, modifications or encountering physical barriers in the limited number of older inaccessible facilities should contact the disability resource center (DRC) at 941-752-5295 or 941-408-1300, ext. 65295, for information, assistance or services. Provision of certain auxiliary aids and services to College events or activities require a specific request at least two business days prior to the function.

Catalog Accuracy Disclaimer

SCF has made every reasonable effort to ensure the accuracy of this Catalog. This Catalog represents the current curriculum, educational plans and requirements which may be altered to carry out the purposes and objectives of SCF. The Catalog is not a contract and may be changed as necessary by statute, rule or College requirement. Updated information is available on the College’s website, scf.edu.

Public Law 93-380, Family Educational Rights and Privacy Act

In accordance with Public Law 93-380, Family Educational Rights and Privacy Act (FERPA), strict confidentiality will be observed regarding student information, even though the nature of an educational institution requires that records must be kept.

The act provides that the College may retain the right to release directory information which is defined as the student name, degree of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, terms of attendance, and degrees and awards received. In the absence of written notice by a student to withhold any or all information included in the definition of “Directory Information,” the College reserves the right to release any of this information it may consider desirable. Directory disclosure release forms are available in the educational records office at SCF Bradenton and SCF Venice.

Acknowledgments and Appreciation

Designated officials in College administrative divisions are responsible for authoring and approving the content of major Catalog sections as follows:

Academic Quality and Success: A.A. degree and prerequisites, A.S./A.A.S. programs, certificate and linkage programs and course descriptions; and Center for Corporate and Community Development.

Educational and Student Services: Enrollment policies, student services and academic calendar.

Business and Administrative Services: Cost and fee information and buildings.

Baccalaureate Programs: Bachelor degrees.

Public Affairs and Marketing: Preface information, including accreditation and legal statements; greetings, board of trustees, College history, mission and goals; general information and general overview.

The State College of Florida Foundation Inc.: College Foundation.

Catalog layout by Joanne Campbell, lead graphic artist, SCF public affairs and marketing department.

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Manatee-Sarasota
P.O. Box 1849
Bradenton, FL 34206
941-752-5000

SCF Bradenton *
5840 26th Street West
Bradenton, FL 34207
Telephone: 941-752-5000

SCF Venice *
8000 South Tamiami Trail
Venice, FL 34293
Telephone: 941-408-1300

SCF Lakewood Ranch eCampus
7131 Professional Parkway East
Sarasota, FL 34240
Telephone: 941-363-7000

* Full-service Campus
Welcome to State College of Florida, Manatee-Sarasota (SCF).

This is an exciting time to be a part of our College community as we continue to expand and enhance our offerings to meet our community’s needs.

While we remain committed to providing top-quality associate degree programs, we continue to expand our baccalaureate workforce degree programs and six are included in this Catalog. In addition, we are enhancing our eCampus opportunities to provide education when, where and how students want it.

The College’s first green certified building, the Medical Technology and Simulation Center at SCF Lakewood Ranch, achieved LEED Gold Certification and is an example of how the College supports sustainability while providing state-of-the-art facilities for nursing and healthcare students. Innovations and improvements continue at all SCF locations, another sign of our response to student and community needs.

Still, in the midst of these important changes, there remains a constant factor—an outstanding faculty and staff and their ongoing dedication to helping students succeed.

Best wishes on your educational journey.

Dr. Lars A. Hafner
President
STATE COLLEGE OF FLORIDA, MANATEE-SARASOTA BOARD OF TRUSTEES

Additional gubernatorial appointments to the board pending. Refer to website for updated board.
## Contents

### Preface
- Accreditation, Nondiscrimination, Public Law 93-380, Addresses .................................... ii
- President's Greeting ............................................................................................................... iii
- Board of Trustees .................................................................................................................. iv
- Academic Calendar .............................................................................................................. 2

### General Information
- College Profile, History, Locations, Mission Statement, Vision Statement ................. 7
- College Institutional Values and Strategic Priorities .......................................................... 8
- State College of Florida Foundation Inc .............................................................................. 8
- Center for Corporate and Community Development ...................................................... 9

### Student Services and Policies
- Admissions Policies and Procedures ................................................................................... 11
- Registration .......................................................................................................................... 24
- Cost and Fee Information .................................................................................................... 26
- Student Financial Aid ......................................................................................................... 30
- Policies and Procedures for Educational Records ............................................................ 36
- Student Services and Campus Life ..................................................................................... 44
- Student Development and Special Programs ................................................................... 49
- Student Code of Conduct .................................................................................................... 54
- Curriculum Classifications for Associate Degrees and Other Programs ....................... 64

### Associate in Arts Degree
- Associate in Arts Degree for Transfer .............................................................................. 67
- General Education Requirements ....................................................................................... 68
- Prerequisites for State University Majors ......................................................................... 71

### Associate in Applied Science and Associate in Science Degrees and Certificate Programs
- A.A.S. and A.S. Degree Programs ...................................................................................... 74
- Certificate Programs .......................................................................................................... 107
- Linkage Programs ................................................................................................................ 110

### Baccalaureate Degrees ...................................................................................................... 112

### Course Descriptions
- Florida's Statewide Course Numbering System ................................................................. 121
- Course Prefix Guide by Department Code ......................................................................... 123
- Course Numbers/Titles, Listed Alphabetically by Course Prefix ...................................... 124

### College Personnel Listing .............................................................................................. 210

### College Buildings ............................................................................................................ 211

### Index ........................................................................................................................................ 213
Important Dates 2011-2012
The complete Academic Calendar is available at www.scf.edu/AcademicCalendar. Updates and revisions are posted as necessary.

**Fall 2011**

May 16, Mon.  Web registration begins for all currently enrolled students continuing for Fall 2011 classes.

May 23, Mon.  Web registration begins for all transfer, transient, readmits and all others not previously registered for Fall 2011 classes.

New student Web registration begins for Fall 2011 classes.

June 15, Wed.  New and returning dual enrollment and early admission student registration begins for Fall 2011 classes.

August 8, Mon.  Summer 2011 grades posted to student transcripts.

August 15, Mon.  Last day new student applications (including readmission applications) will be accepted for Fall 2011 term classes that begin August 22-27.

August 18, Thu.  Faculty return.

Last day of new student orientations for Fall 2011 classes starting August 22-27.

August 22, Mon.  **Fall 2011 classes begin.**

August 26, Fri.  Last day for students to change degree/program major for the Fall 2011 term. All changes after this date will be effective for the Spring 2012 term.

August 27, Sat.  Last day for students to add/drop classes online until 11:59 p.m. that began August 22-27 with a refund. No refunds after August 27.

September 5, Mon.  **Labor Day holiday. College closed.**

September 9, Fri.  Last day to submit an application for Fall 2011 graduation.

September 16, Fri.  Student Services Professional Development Day. All student services offices will be closed for the day.

September 26, Mon.  An “I” grade not previously completed will be changed to an “F” on the student’s permanent record.

October 7, Fri.  **Faculty/Staff Development Day. No day classes or academic support labs.** Classes scheduled 4 p.m. and later will meet as usual.

October 28, Fri.  Last day to withdraw without academic penalty (no refund) for Fall 2011 classes that started during the first week of term (August 22-27).

November 10, Thu.  Deadline to submit the **graduation attendance form** online to guarantee participation in December 16, 2011 Winter Commencement ceremonies.

November 11, Fri.  **Veterans Day holiday observed. College closed.**

November 24-27  **Thanksgiving holidays. College closed.**

December 9, Fri.  Fall 2011 classes end.

December 12-15  Final examinations for Fall 2011 classes.

December 16, Fri.  Final grades due at 2 p.m. for all Fall 2011 classes.

Winter Commencements, 5 and 7:30 pm, Neel Performing Arts Center, SCF Bradenton.

December 17, 2011 - January 1, 2012  **Winter holiday break. College closed.**

December 19, Mon.  Fall 2011 grades posted to student transcripts.
Important Dates 2011-2012
The complete Academic Calendar is available at www.scf.edu/AcademicCalendar. Updates and revisions are posted as necessary.

Spring 2012

October 24, Mon.  Web registration begins for all currently enrolled students continuing for Spring 2012 classes.
October 31, Mon.  Web registration begins for all transfer, transient, readmits and all others not previously registered for Spring 2012 classes.
New student Web registration begins for Spring 2012 classes through new student orientations (by appointment only).
November 14, Mon.  New and returning dual enrollment and early admission student registration begins for Spring 2012 classes.
November 24-27  Thanksgiving holidays. College closed.
December 19, Mon.  Fall 2011 grades posted to student transcripts.
January 2, Mon.  College offices open at 8 a.m.
January 5, Thu.  Last day of new student orientations for Spring 2012 classes starting January 9-14.
January 6, Fri.  Faculty return.
January 9, Mon.  Spring 2012 classes begin.
January 13, Fri.  Last day for students to change degree/program major for the Spring 2012 term. All changes after this date will be effective for the Summer 2012 term.
January 14, Sat.  Last day for students to add/drop classes online until 11:59 p.m. that began January 9-14 with a refund. No refunds after January 14.
January 16, Mon.  Martin Luther King, Jr. holiday. College closed.
January 27, Fri.  Last day to submit an application for Spring 2012 graduation.
February 3, Fri.  Student Services Professional Development Day. All student services offices will be closed for the day.
February 10, Fri.  Faculty/Staff Development Day. No day classes or academic support labs. Classes scheduled 4 p.m. and later will meet as usual.
An “I” grade not previously completed will be changed to an “F” on the student’s permanent record.
March 22, Thu.  Last day to withdraw without academic penalty (no refund) for Spring 2012 classes that started the first week of the term (January 9-14).
April 6, Fri.  Deadline to submit the graduation attendance form online to guarantee participation in May 5, 2012 Spring Commencement ceremonies.
April 27, Fri.  Spring 2012 classes end.
Honors Convocation, 12:30 p.m. SCF Venice, 7 p.m. Neel Performing Arts Center, SCF Bradenton.
April 30-May 3  Final examinations for Spring 2012 classes.
May 4, Fri.  Final grades due at 2 p.m. for all Spring 2012 classes.
May 5, Sat.  Spring Commencements, 10:30 a.m. and 1 p.m., Neel Performing Arts Center, SCF Bradenton.
May 7, Mon.  Spring 2012 grades posted to student transcripts.
## Important Dates 2011-2012

The complete Academic Calendar is available at www.scf.edu/AcademicCalendar. Updates and revisions are posted as necessary.

### Summer 2012

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 26, Mon.</td>
<td>Web registration begins for all currently enrolled students continuing for Summer 2012 classes.</td>
</tr>
<tr>
<td>April 2, Mon.</td>
<td>New student Web registration begins for all summer terms through new student orientations (by appointment only).</td>
</tr>
<tr>
<td></td>
<td>Web registration begins for all transfer, transient, readmits and all others not previously registered for Summer 2012 classes.</td>
</tr>
<tr>
<td>April 16, Mon.</td>
<td>New and returning dual enrollment and early admission student registration begins for Summer 2012 classes.</td>
</tr>
<tr>
<td>May 7, Mon.</td>
<td>Spring 2012 grades posted to academic transcripts.</td>
</tr>
<tr>
<td>May 9, Wed.</td>
<td>Last day new student applications (including readmission applications) will be accepted for Summer A and Summer C terms.</td>
</tr>
<tr>
<td>May 11, Fri.</td>
<td>Last day of new student orientations for Summer A and Summer C terms.</td>
</tr>
<tr>
<td>May 14, Mon.</td>
<td>Faculty Return.</td>
</tr>
<tr>
<td></td>
<td>Summer 2012 classes begin for Summer A and Summer C term courses.</td>
</tr>
<tr>
<td>May 17, Thu.</td>
<td>Last day for students to change degree/program major for the Summer 2012 term. All changes after this date will be effective for the Fall 2012 term.</td>
</tr>
<tr>
<td>May 18, Fri.</td>
<td>Last day for students to add/drop online until 11:59 p.m. Summer A and Summer C classes that began May 14-18 with a refund. No refunds after May 18.</td>
</tr>
<tr>
<td>May 28, Mon.</td>
<td>Memorial Day holiday. College closed.</td>
</tr>
<tr>
<td>June 1, Fri.</td>
<td>Last day to submit an application for Summer 2012 graduation.</td>
</tr>
<tr>
<td>June 9, Sat.</td>
<td>Last day to withdraw without academic penalty for Summer A classes (May 14 – June 25).</td>
</tr>
<tr>
<td>June 20, Wed.</td>
<td>Summer 2012 A classes end.</td>
</tr>
<tr>
<td>June 21, Thu.</td>
<td>Exams (Summer A).</td>
</tr>
<tr>
<td></td>
<td>Last day new student applications (including readmission applications) will be accepted for Summer B term.</td>
</tr>
<tr>
<td>June 25, Mon.</td>
<td>Exams (Summer A).</td>
</tr>
<tr>
<td></td>
<td>Last day new student orientations for Summer B term.</td>
</tr>
<tr>
<td>June 26, Tue.</td>
<td>Final grades due at noon for Summer A classes and all other courses ending by June 25.</td>
</tr>
<tr>
<td></td>
<td>Summer 2012 classes begin (Summer B).</td>
</tr>
<tr>
<td>June 29, Fri.</td>
<td>Last day for students to add/drop online until 11:59 p.m. Summer B classes that began June 26-29 with a refund. No refunds after June 29.</td>
</tr>
<tr>
<td>July 2, Mon.</td>
<td>Last day to withdraw without academic penalty for Summer C term classes (May 14 – August 2).</td>
</tr>
<tr>
<td>July 23, Mon.</td>
<td>Last day to withdraw without academic penalty for Summer B classes (June 26 – August 7).</td>
</tr>
<tr>
<td>July 31, Tue</td>
<td>Summer 2012 C classes end.</td>
</tr>
<tr>
<td>August 1, Wed.</td>
<td>Exams (Summer C term)</td>
</tr>
<tr>
<td>August 2, Thu.</td>
<td>Exams (Summer C term)</td>
</tr>
<tr>
<td></td>
<td>Summer 2012 B classes end.</td>
</tr>
<tr>
<td>August 6, Mon.</td>
<td>Exams (Summer B)</td>
</tr>
<tr>
<td>August 7, Tue.</td>
<td>Exams (Summer B)</td>
</tr>
<tr>
<td>August 9, Thu.</td>
<td>Final grades due at 2 p.m. for Summer B and C classes and all other courses ending by August 7.</td>
</tr>
<tr>
<td>August 13, Mon.</td>
<td>Summer grades posted to student transcripts.</td>
</tr>
</tbody>
</table>
GENERAL INFORMATION

College Profile
History
Locations
Mission Statement
Institutional Values
Strategic Priorities
State College of Florida Foundation Inc.
Center for Corporate and Community Development
State College of Florida, Manatee-Sarasota

SCF Profile

State College of Florida, Manatee-Sarasota (SCF) is an accredited, public Florida institution established to provide college training for the residents of Manatee and Sarasota counties. The College is a member of Florida’s state college system and receives the majority of its funding from state allocations, tuition and fees.

SCF is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award associate and baccalaureate degrees.

Enrollment in credit classes at the College is about 36,000 students annually, including residents of Manatee and Sarasota counties, individuals from neighboring Florida counties, many other states and several foreign countries.

Students attend classes at SCF locations in Bradenton, Lakewood Ranch and Venice; at many business and public sector sites throughout the community; and via eCampus opportunities.

The College is a member of the Association of Florida Colleges, the Southern Association of Colleges and Schools, the American Association of Community Colleges and the Florida Association of Colleges and Universities.

SCF History

On Sept. 17, 1957, the State Board of Education established Manatee Junior College as an approved college with the primary mission of providing college training for young people and adults. On Nov. 5, 1957, Dr. Samuel R. Neel, Jr. became the first president. The College began its first classes with 502 students on Sept. 2, 1958, in a former senior high school. In 1959 the first classes were held on the current southwest Manatee County campus with a full-fledged sophomore class and a large freshman class enrolled in university-parallel courses.

In 1973 classes were offered at Venice High School to provide higher education opportunities for residents of south Sarasota County. The College Board of Trustees in 1977 established the College’s Venice Center, which initially was supported with contributions from citizens of North Port, Englewood and Venice. In 1983 the College received an appropriation from the Florida Legislature to build the current full-service campus in Venice, which was dedicated on March 30, 1985.

The College’s name was changed to Manatee Community College in 1985.

In January 2003, SCF opened the Center for Innovation and Technology at Lakewood Ranch Corporate Park on 5 acres of land donated by Schroeder-Manatee Ranch. This location offers both credit classes and a wide variety of noncredit, personal and professional development and workforce training classes. In 2007 Schroeder-Manatee Ranch donated an additional 5 acres and a Medical Technology and Simulation Center was opened in 2010.

In 2009, the State Board of Education approved the College’s proposal to deliver a Bachelor of Science in Nursing degree. To reflect this change to a four-year degree-granting institution, the College’s name was changed from Manatee Community College to State College of Florida, Manatee-Sarasota. The College remains committed to the associate degree programs while expanding its mission to a two-year, four-year multiple-campus institution offering four-year degrees needed to meet the higher level education needs of the local workforce. More baccalaureate degrees start in the 2011-12 academic year.

About 38,000 graduates have received SCF degrees in the College’s 54 years.

SCF Locations

SCF Bradenton is located in southwest Manatee County close to Sarasota Bay. The 100-acre full-service campus is located 10 miles from I-75 and can be reached using Exit 217.

SCF Venice is located on U.S. 41 in south Sarasota County, 42 miles south of SCF Bradenton. The 100-acre full-service campus is easily accessible from Venice, Englewood and North Port. The campus is located eight miles from I-75 and can be reached using Exit 191.

SCF Lakewood Ranch is located in northeast Sarasota County at 7131 Professional Parkway East, Lakewood Ranch Corporate Park, two miles from I-75, and can be reached using Exit 213.

SCF Mission Statement

State College of Florida, Manatee-Sarasota, guided by measurable standards of institutional excellence, provides engaging and accessible learning environments that result in student success and community prosperity.

SCF Vision Statement

State College of Florida, Manatee-Sarasota is globally recognized as an innovative model of educational organization that hosts a dynamic continuum of academic and career pathways focused on student success and community responsiveness.
History

In 1978, a dedicated group of concerned community leaders united around a common goal: to make certain that the first and largest public college of the Manatee and Sarasota region could meet the daunting challenges of higher education emerging in the 21st century.

Their imagination and vision created a foundation that would make a great College better, a foundation that would provide deserving students with an opportunity to earn a college education through scholarships, a foundation that would raise funds to better equip classrooms and energize faculty development. The founders visualized a foundation contributing to the cultural and economic heritage of the greater community and empowering the College through financial flexibility.

Annually, the Foundation provides approximately $1.4 million in scholarship support to students and $1.5 million on faculty, program and equipment support to the College.

Role of the Foundation

The Foundation is incorporated as a charitable 501 (c) (3) corporation with a mission that includes the following four major components:

• Public promotion of the College
• Cultivation, solicitation and stewardship of private gifts
• Allocation of dollars raised
• Management of the endowment portfolio

What the Foundation Provides the College

• Annual scholarships to help students with tuition, fees and books
• Classroom instructional/laboratory equipment and library resources to equip students with 21st century skills
• Funding for capital purposes to help with new or renovated building priorities
• Faculty support to permit the College to expand “high need” programs by hiring more faculty
• Program support to help establish new and innovative programs

Information on opportunities to participate in any of the Foundation’s programs is available online at scffoundation.net.
Center for Corporate and Community Development

SCF’s Corporate and Community Development is dedicated to providing quality learning for people of all ages. The center provides all noncredit continuing education and some credit-related programs and services conducted at SCF campuses and off-site locations. Thousands of people annually take classes and attend events through the division.

Corporate and Community Development (CCD) administrative offices are located at the Center for Innovation and Technology at SCF Lakewood Ranch. Offices also are maintained at SCF Venice and SCF Bradenton. The Traffic Safety Institute has offices at SCF Bradenton and SCF Venice, as well as downtown Sarasota at Main Street Plaza.

Schedules are published each term and are available in CCD offices and on the College’s website at scf.edu/CCD.

The Traffic Safety Institute

serving Manatee, Sarasota and DeSoto counties, the Traffic Safety Institute provides driver improvement and substance abuse prevention programs in an attempt to improve public safety and save lives. Programs offered include:

• Driving Under the Influence (DUI) Program
• Mature Driving Class
• Special Supervision Services
• Basic and Advanced Driver Improvement Courses
• First-time Driver License Class
• DUI Victims Impact Panel
• Child Restraint Offenders Program (C.R.O.P.)
• Juvenile Offender-Shoplifting (court-ordered class)
• Driving While License Suspended/Revoked Class (DWLS/R)

Workforce Solutions

Workforce Solutions assists local organizations to improve the performance of their employees. Workforce Solutions provides noncredit educational programs and services that promote and support professional development, economic development, and service to the community.

In addition to regularly scheduled classes at SCF sites, Workforce Solutions provides contracted customized training and business process improvement services for local employers. Options may include traditional classroom-based training, interactive online training or in-depth performance improvement analysis and solution development. Our goal is to identify business solutions to meet specific needs of the business community.

A vast range of topics is available. Some of the most popular offerings include Microsoft Office applications and leadership and management courses.

The Institute of Continuing and Community Education

scf.edu/CommunityEd

This institute combines professional continuing education training with personal enrichment opportunities.

• Personal enrichment courses enable people from all segments of the community to clarify values, increase occupational skills and enhance personal growth. Programs are provided to learners of all ages through multiple instructional deliveries. Classes range from “Kids’ Summer Spectrum” to courses geared toward older learners.
• Certification preparation courses enable residents to obtain licensure and to successfully prepare for licensure examinations.
• Professional continuing education courses meet the needs of career professionals in the community.
• Motorcycle rider safety courses are provided for beginner and advanced riders.

Small Business Development Center

scf.edu/SBDC

The Small Business Development Center (SBDC) serves as the hub for specialized education and information services for new and existing businesses in Sarasota and Manatee counties. Its mission is to provide the necessary resources and expertise to assist entrepreneurs with new business startups as well as to help existing businesses grow and prosper. With the exception of commissioned projects, formal education and training classes, there is no charge for most SBDC services:

• Business Counseling: Certified Business Counselors (CBAs) can provide confidential one-on-one counseling.
• Resource Library: A business resource library features business reference books, publications, periodicals and software.
• Specialized Training: Issue-specific training of current business owners, prospective business owners and employees is accomplished through regularly scheduled credit and noncredit courses offered by State College of Florida, Manatee-Sarasota.
STUDENT SERVICES AND POLICIES

Admission Policies and Procedures
Registration
Cost and Fee Information
Student Financial Aid
Policies and Procedures for Educational Records
Student Services and Campus Life
Student Development and Special Programs
Student Code of Conduct
Curriculum Classifications: Associate Degrees and Other Programs
Admissions Policies and Procedures

scf.edu/Admissions

GENERAL CONDITIONS OF ADMISSIONS

Any high school graduate or GED recipient who can profit from additional education is encouraged to apply to State College of Florida, Manatee-Sarasota (SCF). Applicants must provide evidence of a valid standard high school diploma, an equivalency diploma or home school affidavit. Students who have earned a certificate of completion in Florida may be classified as degree seeking. They may not enroll in some programs requiring special training, i.e. police officers, correctional officers, nurses and classroom teachers, until they earn a valid standard high school diploma or GED. Students who have not earned a high school diploma or equivalency may attend on a limited basis and may not enroll in any degree programs until proof of successful completion of high school or equivalency has been submitted and approved.

An official high school transcript bearing the high school graduation date or GED test scores is required as part of a student’s admission file. If the transcript is not received by the College before the start of the term, it may impact financial aid funding and registration for classes. Note: Transcripts received from high schools, colleges and/or universities become the property of the College and are not copied or released to third parties.

Note: Some state-issued certificates of completion cannot be used for degree-seeking status. In these cases, students must be classified as nondegree-seeking until a valid standard high school diploma is achieved or the student submits acceptable GED test scores. Further questions can be directed to the educational records office. Not all high school transcripts may be acceptable for admission. SCF has the discretion as to the acceptance of all high school transcripts to determine eligibility for admission to the College.

Individuals desiring to enroll at SCF can apply online on the College website under “admissions.” The completed application must be submitted by the deadline each term noted in the academic calendar. Applications remain on file for one year. If an applicant does not register for any course(s) after one year from the application term, the student must reapply to the College and submit all required documentation for admission including residency paperwork.

SCF offers guidance, advisement and support services to assist students in finding areas of study best suited to their interests, aptitudes and abilities. The advising center on each campus is responsible for providing initial, relevant information about academic opportunities at the College. Interested students can contact student development advisors to discuss initial academic plans. The educational records office coordinates the review of applications for admission to degree and certificate programs. Students who are undecided on their major and/or degree program should go to the SCF career resource center, at SCF Bradenton or SCF Venice, soon after their classes start, for proper guidance on the selection of a major and/or degree program. International students who are on the F-1 student status, wish to be on the F-1 student status or are on some other type of legal non-immigrant status, are advised to refer to the section entitled “International Students, Admission Requirements.”

Please note: The College may consider the past actions of any person applying for admission or enrollment and may deny admission or enrollment to an applicant if determined to be in the best interest of the College, as per SCF Procedure #4.01.01: Admissions Standards.

In addition, the Postsecondary Education Readiness Test (PERT) is required for all entering students seeking to earn a degree from SCF or for those students who want to take English, mathematics or reading courses, or other courses that have placement test scores as prerequisites. The State Board of Education (SBE) has set the cutoff scores for placement into college credit level as opposed to college preparatory courses. Students also may present American College Testing (ACT) scores or Scholastic Aptitude Test (SAT) scores as alternative placement test scores, as approved by the SBE with cutoff scores designated in English, mathematics and reading. The College recommends, but does not require, that applicants complete the ACT or the SAT as an aid to course placement. Tests used for placement must be taken within two years of planned attendance. Test scores are not required for transfer or readmission students who have satisfactorily completed college-level English, mathematics and/or reading courses. The specific requirements for admission may be found in the following sections.

Selective Admissions/Limited Access

SCF’s health professions programs have limited seating and require a second application process in addition to the first-time college admissions, degree-seeking, or traditional transfer, degree-seeking admissions process. An application to a specific program (including fee) is required for Dental Hygiene, Nursing (A.S.N. and RN to B.S.N.), LPN (LPN to A.S.N.) Transition, Occupational Therapy Assistant, Physical Therapist Assistant and Radiography. Consult detailed program information in the Catalog for physical and mental examination documentation, drug testing and county residency documentation.

Each baccalaureate degree program also requires a second application (including fee) in addition to the first-time admissions, degree-seeking or traditional transfer, degree-seeking admissions process to the College.

First-time College Admissions: Degree-Seeking

A. Applicants are eligible who possess a valid standard high school diploma. Other high school diploma recipients, including special diploma, home school or certificate of completion students, may be considered for admission. Official high school transcripts are required.
B. Applicants are eligible who have satisfactory high school level GED exam results through a state or DSST (DANTES) test. An official copy of the test results is required.

C. Placement test scores (PERT, ACT or SAT) are required for all students enrolling in beginning mathematics and English courses. State regulations require that scores be no more than two years old. The testing center on the appropriate campus may be contacted for more information.

D. International students who are seeking an F-1 student visa or any other type of visa, please refer to the International Student Admission Requirements section.

**Special Admissions: Nondegree-Seeking**

A. Applicants are eligible who are at least 18 years of age and have declared nondegree-seeking status.

B. Most students are not limited to the number of credits that can be earned. However, first-time college admissions students (nondegree-seeking) are limited to only 12 credits without advisor approval. Upon attempting 12 credit hours, a nondegree student must take the PERT, ACT or SAT. Depending upon the score, a nondegree student must register and enroll the next term in appropriate college-level or college-prep courses in English, mathematics and reading until the college prep sequence is completed. In addition, no student will be admitted to courses designed for restricted programs. Prerequisites for courses will not be waived and placement test scores will be required for English, mathematics and reading courses.

C. High school and/or college transfer transcripts are not required.

D. The following limitations or exemptions may apply to this classification of admission: This type of student may not receive financial aid, veterans benefits or scholarships.

E. If, at some time during this type of admission, a student wishes to become degree-seeking, all documentation required of a degree-seeking student must be sent to the educational records office at SCF. A “Change of Major/Program/Degree” form is required for students who intend to become degree-seeking after an initial nondegree-seeking status. “Change of Major/Program/Degree” forms are available in the educational records offices at SCF Bradenton or SCV Venice, or online at scf.edu/Records.

**Transfer: Degree-Seeking**

Applicants are eligible if they meet the above requirements for a first-time-in-college admission student seeking a degree. During the first term of enrollment, applicants must provide official transcripts (sent directly to SCF) from each previously attended regionally accredited, post-secondary institution. Hand-carried transcripts cannot be accepted for official transfer evaluations. If applicants have earned a degree from any other regionally accredited college or university (Associate in Arts degree or higher), they are exempt from providing a high school transcript or GED test scores, but SCF will determine whether placement scores for English, mathematics and/or reading courses are required. Students who have an Associate in Science (A.S.) or an Associate in Applied Science (A.A.S.) degree from a regionally accredited college or university and wish to become a degree-seeking student at SCF are required to provide a high school transcript or acceptable GED test score.

Students who attended a college or university outside the United States are not required to submit a credential evaluation. However, if the student wishes to have the college or university credits considered for transfer evaluation, the student should list any and all colleges and universities attended outside the U.S. and must provide the original credential evaluation(s) from an accredited credential evaluation service. Note: A course syllabus or description will be necessary to determine if credit will be applicable to any SCF program. Students should be prepared to provide this information along with an English translation. Only original credential evaluations will be accepted for consideration by the College for official transfer credit.

Upon receipt of all transcripts, the educational records office will prepare a transfer evaluation report and an e-mail will be sent to the student’s e-mail account. The report identifies course credits accepted and the academic standing with which the student begins at SCF. The transcript evaluation is completed during the first term of degree-seeking enrollment. Please note: Transcripts submitted will not be evaluated for transfer credit until transcripts from all postsecondary colleges and/or universities attended have been received in the educational records office. Official transcripts are required to be sent directly to the SCF educational records office from each previously attended regionally accredited, post-secondary institution. Failure to do so could delay the evaluation of transcripts, registration and financial aid. **Hand-delivered transcripts will NOT be accepted.**

Transfer students who have earned an A.A. degree or higher degree may not earn another A.A. degree at SCF. Only courses applicable to a student’s SCF degree program will be accepted in transfer. If a degree has not been earned, all lower division coursework attempted will be added to the student’s SCF academic record.

Transfer students are admitted with the academic standing, initial good standing, regardless of grade point average (GPA). If, after the first term, the overall GPA or the College GPA is below 2.0, transfer students are placed on academic warning and subject to the academic standing rules and procedures of the College. Transfer GPAs are included in students’ overall GPA requirements for graduation and for graduation honors. Courses with earned grades of “C” or higher cannot be repeated.
The universities and state/community colleges in Florida’s state systems share a statewide common course numbering system that facilitates transfer. Some private colleges also participate in this system. Transfer of any successfully completed course from one participating regionally accredited postsecondary institution to another is guaranteed in cases where the course to be transferred is offered by the receiving institution and is identified by the same prefix and last three digits at both institutions. For example, SYG 1010 is offered at a community college; the same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college or SYG 2010 at the state university is guaranteed to receive transfer credit at SCF. Transfer credit will be awarded for successfully completed equivalent courses and used by SCF to determine satisfaction of requirements by transfer students on the same basis as credit awarded to native students. It is the prerogative of SCF, however, to offer transfer credit courses successfully completed which have not been designated as equivalent.

The following courses are exceptions to the general rule for course equivalencies and may not be transferable. Transferability is at the discretion of SCF.
A. Courses in the 900-999 series (e.g., ART 2905)
B. Internships, practical, clinical experiences and study abroad courses
C. Performance or studio courses in art, dance, theatre and music
D. Skills courses in criminal justice
E. Graduate courses
F. College preparatory and vocational preparatory courses may not be used to meet degree requirements.

Transfer Credit for Nonaccredited Institutions
SCF accepts transfer credits from all regionally accredited institutions of higher education. Students who transfer to SCF from institutions that are not members of a regional accrediting agency, and who wish to have credits transferred to their SCF academic record, must provide the educational records office with: an official transcript sent directly from the sending institution, course descriptions, a syllabus and faculty credentials for each course for which they are requesting credit, and any other information the College deems necessary to conduct a proper course evaluation.

If sufficient information is not provided, the College reserves the right to request additional documentation to support the acceptance of the credit. The educational records office will review each course in consultation with the academic departments. The credit hours must be applicable to the degree/certificate the student is seeking at SCF. If the credit is accepted, the courses will be placed on the student’s SCF transcript with the letter grades as they appeared on the transcript from the sending institution and calculated in the overall grade point average. Once the evaluation is complete, the student will receive an official copy of all coursework accepted in transfer.

Note: Not all transfer credits may be accepted and SCF has the discretion as to the acceptance of any transferable credits.

Awarding of Credit for Exams
If a student achieves a sufficient score listed on an AP (Advanced Placement Program), AICE (Cambridge Program), IB (International Baccalaureate Program) or CLEP (College Level Examination Program) transcript, credit is awarded based on the course or course numbers listed. Students can receive up to 45 total credits for credit awarded by credit-by-exam programs.

Transfer Credit Through the Advanced Placement Program
Superior high school graduates, who scored a 3, 4 or 5 on the College Entrance Examination Board’s Advanced Placement Program and are admitted to SCF, may earn credit hours through the Advanced Placement Program upon presentation of test scores.

SCF awards credit for the following advanced placement exams:

<table>
<thead>
<tr>
<th>Exam</th>
<th>AP Exam Score of 3</th>
<th>AP Exam Score of 4</th>
<th>AP Exam Score of 5</th>
<th>General Education Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>ARH 2000 (3 credits)</td>
<td>ARH 2050 and 2051 (6 credits)</td>
<td>Same as 4</td>
<td>IV</td>
</tr>
<tr>
<td>Biology</td>
<td>BSC 1005C (4 credits)</td>
<td>BSC 2010C (5 credits)</td>
<td>BSC 2010C or BSC 2011C (10 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>MAC 2311 (4 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>II</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>MAC 2311 (4 credits)</td>
<td>MAC 2311 and MAC 2312 (8 credits)</td>
<td>Same as 4</td>
<td>II</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1025C (5 credits)</td>
<td>CHM 2045C (5 credits)</td>
<td>CHM 2045C and CHM 2046C (10 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Chinese Language and Culture</td>
<td>CHI 2000 (3 credits)</td>
<td>CHI 2000 and CHI 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>Computer Science A</td>
<td>CGS 1075 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Exam</td>
<td>AP Exam Score of 3</td>
<td>AP Exam Score of 4</td>
<td>AP Exam Score of 5</td>
<td>General Education Area</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>--------------------</td>
<td>--------------------</td>
<td>--------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Computer Science AB</td>
<td>CGS 1076 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Economics: Macro</td>
<td>ECO 2013 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>III</td>
</tr>
<tr>
<td>Economics: Micro</td>
<td>ECO 2023 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>English Language and Composition</td>
<td>ENC 1101 (3 credits)</td>
<td>ENC 1101 and 1102 (6 credits)</td>
<td>Same as 4</td>
<td>I</td>
</tr>
<tr>
<td>English Literature and Composition</td>
<td>ENC 1101 (3 credits)</td>
<td>ENC 1101 and ENC 1102 or ENL 2010 or ENL 2022 (6 credits)</td>
<td>Same as 4</td>
<td>I or IV</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>ISC 1143 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>V</td>
</tr>
<tr>
<td>European History</td>
<td>EUH 1009 is unique to this exam and will count as elective only (3 credits)</td>
<td>EUH 1000 and 1001 (6 credits)</td>
<td>Same as 4</td>
<td>III Elective</td>
</tr>
<tr>
<td>French Language</td>
<td>FRE 2000 (3 credits)</td>
<td>FRE 2000 and FRE 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>French Literature</td>
<td>FRW 2000 (3 credits)</td>
<td>FRW 2000 and FRW 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>German Language</td>
<td>GER 2000 (3 credits)</td>
<td>GER 2000 and GER 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>Government and Politics: Comparative</td>
<td>CPO 2002 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>III</td>
</tr>
<tr>
<td>Government and Politics: United States</td>
<td>POS 1041 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>III</td>
</tr>
<tr>
<td>Italian Geography</td>
<td>GEO 2420 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Italian Language and Culture</td>
<td>ITA 2000 (3 credits)</td>
<td>ITA 2000 and ITA 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>Japanese Language and Culture</td>
<td>JPN 2000 (3 credits)</td>
<td>JPN 2000 and JPN 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>Latin: Latin Literature</td>
<td>LNW 2700</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Latin: Vergil</td>
<td>LNW 2321</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Music Theory</td>
<td>MUT 1001 if composite score is 3 or higher. MUT 1111 and MUT 1241 if both aural and non-aural subscores are 3 or higher (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Physics B</td>
<td>PHY 2053C (4 credits)</td>
<td>PHY 2053C and PHY 2054C (8 credits)</td>
<td>Same as 4</td>
<td>V</td>
</tr>
<tr>
<td>Physics C. Electricity/Magnetism</td>
<td>PHY 2054C or PHY 2054/2054L (4 credits)</td>
<td>PHY 2049C or PHY 2049/2049L (5 credits)</td>
<td>Same as 4</td>
<td>V</td>
</tr>
<tr>
<td>Physics C. Mechanics</td>
<td>PHY 2053C (min. 4 credits)</td>
<td>PHY 2048C (5 credits)</td>
<td>Same as 4</td>
<td>V</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 2012 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>III</td>
</tr>
<tr>
<td>Russian Language and Culture</td>
<td>RUS 2000 (3 credits)</td>
<td>RUS 2000 and RUS 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>SPN 2000 (3 credits)</td>
<td>SPN 2000 and SPN 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>Spanish Literature</td>
<td>SPW 2000 (3 credits)</td>
<td>SPW 2000 and SPW 2001 (6 credits)</td>
<td>Same as 4</td>
<td>Elective</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>II</td>
</tr>
<tr>
<td>Studio Art: Drawing Portfolio</td>
<td>ART 1300C (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Studio Art: 2-D Design Portfolio</td>
<td>ART 1201C (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>Studio Art: 3-D Design Portfolio</td>
<td>ART 1203C (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>Elective</td>
</tr>
<tr>
<td>United States History</td>
<td>AMH 1010 (3 credits)</td>
<td>AMH 1010 and AMH 1020 (6 credits)</td>
<td>Same as 4</td>
<td>III</td>
</tr>
<tr>
<td>World History</td>
<td>WOH 1022 (3 credits)</td>
<td>Same as 3</td>
<td>Same as 3</td>
<td>III</td>
</tr>
</tbody>
</table>
**Transfer Credit Through the College Level Examination Program (CLEP)**

The SCF assessment and testing center is an open CLEP testing site. SCF will allow credit for satisfactory scores earned in the comprehensive and subject examinations offered by the College Entrance Examination Board. SCF will award credit hours through CLEP based on presentation of test scores. The student must score at or above the 50th percentile of the national norms unless otherwise noted. No credit will be allowed if the student has attempted or earned college credit in a course in a similar area or higher level.

The table below represents CLEP subject exams, qualifying scores and credits awarded.

When satisfactory scores have been achieved, credit is allowed for the general examinations as follows:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diversity of Life, BSC 1005C</td>
<td>3</td>
</tr>
<tr>
<td>Western Civilization I, EUH 1000</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td></td>
</tr>
<tr>
<td>Western Civilization II: 1648</td>
<td></td>
</tr>
</tbody>
</table>

The table below represents CLEP subject exams, qualifying scores and credits awarded.

When satisfactory scores have been achieved, credit is allowed for the general examinations as follows:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Scale Score of 50 for Passing</th>
<th>General Education Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra, College</td>
<td>MAC 1105 (3 credits)</td>
<td>II</td>
</tr>
<tr>
<td>American Government</td>
<td>POS 1041 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>American Literature</td>
<td>AML 2010 or 2020 (3 credits)</td>
<td>IV</td>
</tr>
<tr>
<td>Biology, General</td>
<td>BSC 1007C (4 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Business Law, Introduction to</td>
<td>BUL 2131 (3 credits)</td>
<td>None</td>
</tr>
<tr>
<td>Calculus</td>
<td>MAC 2233 (3 credits)</td>
<td>II</td>
</tr>
<tr>
<td>Chemistry, General</td>
<td>CHM 1025C (5 credits)</td>
<td>V</td>
</tr>
<tr>
<td>College Composition</td>
<td>ENC 1101 and 1102 (6 credits)</td>
<td>I</td>
</tr>
<tr>
<td>College Composition, Modular</td>
<td>ENC 1101 and 1102 (6 credits)</td>
<td>I</td>
</tr>
<tr>
<td>Educational Psychology, Introduction to</td>
<td>EDP 1002 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>English Literature</td>
<td>ENL 2010 or 2022 (3 credits)</td>
<td>IV</td>
</tr>
<tr>
<td>Financial Accounting</td>
<td>ACG 2021C (4 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>French Language</td>
<td>FRE 1120 (3 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FRE 1120 and 1121 (6 credits)</td>
<td></td>
</tr>
<tr>
<td>German Language</td>
<td>GER 1120 (3 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GER 1120 and 1121 (6 credits)</td>
<td></td>
</tr>
<tr>
<td>History of the United States I: Early Colonizations to 1877</td>
<td>AMH 1010 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>History of the United States II: 1865 to Present</td>
<td>AMH 1020 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Human Growth and Development</td>
<td>DEP 2004 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Humanities</td>
<td>HUM 2250 (3 credits)</td>
<td>IV</td>
</tr>
<tr>
<td>Information Systems &amp; Computer Applications</td>
<td>CGS 1000 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Macroeconomics, Principles of</td>
<td>ECO 2013 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Management, Principles of</td>
<td>MAN 2021 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Marketing, Principles of</td>
<td>MAR 2011 (3 credits)</td>
<td>None</td>
</tr>
<tr>
<td>Mathematics, College</td>
<td>MGF 1106 or 1107 (3 credits)</td>
<td>II</td>
</tr>
<tr>
<td>Microeconomics, Principles of</td>
<td>ECO 2023 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Precalculus Algebra/Trigonometry</td>
<td>MAC 2147 (4 credits)</td>
<td>II</td>
</tr>
<tr>
<td>Precalculus</td>
<td>MAC 1140 (3 credits)</td>
<td>II</td>
</tr>
<tr>
<td>Psychology, Introductory</td>
<td>PSY 2012 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Sociology, Introductory</td>
<td>SYG 2000 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>SPN 1120 (3 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPN 1120 and 1121 (6 credits)</td>
<td></td>
</tr>
<tr>
<td>Western Civilization I: Ancient Near East to 1648</td>
<td>EUH 1000 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Western Civilization II: 1648 to Present</td>
<td>EUH 1001 (3 credits)</td>
<td>III</td>
</tr>
</tbody>
</table>
International Baccalaureate (IB) Program

The IB program is an advanced level two-year curriculum for high school students offered at select high schools. SCF will award IB diploma students credit hours of IB credit upon presentation of test scores. Students must request that official IB exam scores and high school transcripts be sent to the SCF educational records office for evaluation and the awarding of credit per SBE Rules 6A-10.024(8). SCF awards credit based on the following subjects and exam scores.

<table>
<thead>
<tr>
<th>Exam</th>
<th>IB Score of 4 Minimum 3 credits per exam</th>
<th>IB Score of 5-7 Minimum 6 credits per exam. If courses listed do not equal 6 credits, institutions must give elective credit or assign own numbers</th>
<th>General Education Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>BSC 1005C</td>
<td>BSC 1005C and BSC 2010C</td>
<td>V</td>
</tr>
<tr>
<td>Business and Management</td>
<td>GEB 1011</td>
<td>GEB 1011</td>
<td>Elective</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1025C</td>
<td>CHM 1022C and CHM 2045C</td>
<td>V</td>
</tr>
<tr>
<td>Economics</td>
<td>ECO 2023</td>
<td>ECO 2013 and ECO 2023</td>
<td>Elective</td>
</tr>
<tr>
<td>English A1</td>
<td>ENC 1101</td>
<td>ENC 1101 and ENC 1102</td>
<td>I</td>
</tr>
<tr>
<td>Film Studies</td>
<td>FIL 1000</td>
<td>FIL 1000 and FIL 1420</td>
<td>Elective</td>
</tr>
<tr>
<td>French</td>
<td>FRE 1121 (3 credits)</td>
<td>FRE 1121 and 2200 (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Further Mathematics (Adv. Math.)</td>
<td>MGF 1106</td>
<td>MGF 1106 and STA 2023</td>
<td>II</td>
</tr>
<tr>
<td>Geography</td>
<td>GEA 2000</td>
<td>GEO 1200 and GEO 2420</td>
<td>III (if score=4; if score=5-7, elective)</td>
</tr>
<tr>
<td>German</td>
<td>GER 1121 (3 credits)</td>
<td>GER 1121 and 2200 (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>History</td>
<td>WOH 1030</td>
<td>WOH 1030 and EUH 1000 (6 credits)</td>
<td>Elective, III</td>
</tr>
<tr>
<td>Latin</td>
<td>LAT 1121</td>
<td>LAT 1121 and LAT 2200</td>
<td>Elective</td>
</tr>
<tr>
<td>Math Methods</td>
<td>MAC 1105</td>
<td>MAC 1105 and MAC 1140 or MAC 1140 and MAC 2233</td>
<td>II</td>
</tr>
<tr>
<td>Math Studies</td>
<td>MAT 1033</td>
<td>MAT 1033 and MGF 1106</td>
<td>Elective, II</td>
</tr>
<tr>
<td>Mathematics</td>
<td>MAC 2147</td>
<td>MAC 2147 and MAC 2233 or MAC 2233 and MAC 2311</td>
<td>II</td>
</tr>
<tr>
<td>Music</td>
<td>MUL 2010 (3 credits)</td>
<td>MUL 2010 and MUT 1001 (6 credits)</td>
<td>IV, Elective</td>
</tr>
<tr>
<td>Philosophy</td>
<td>PHI 1010 (3 credits)</td>
<td>PHI 1010 and PHI 2001 (6 credits)</td>
<td>Elective, IV</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 1020C</td>
<td>PHY 2053C and PHY 2054</td>
<td>V</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 2012</td>
<td>PSY 2012 and PSY XXXX</td>
<td>III and Elective</td>
</tr>
<tr>
<td>Social Anthropology</td>
<td>ANT 2410</td>
<td>ANT 2410 and ANT 2000</td>
<td>Elective, III</td>
</tr>
<tr>
<td>Spanish</td>
<td>SPN 1121 (3 credits)</td>
<td>SPN 1121 and SPN 2200 (min. 6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Theatre Arts</td>
<td>THE 2000 or THE 2020</td>
<td>THE 2000 or THE 2020 and one semester (3 credits) in theater history, performance, stagecraft, theory or literature depending on student’s strengths</td>
<td>IV or Elective</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>ART 1300C or ARH 2000 (3 credits)</td>
<td>ART 1300C or ARH 2000 and additional ART/ARH course determined by institution</td>
<td>Elective or IV</td>
</tr>
</tbody>
</table>
Cambridge AICE (British AS-Level and A-Level)

The AICE (Cambridge Advanced International Certificate of Education) program is an international, advanced secondary curriculum and assessment program equivalent to the British system of “A-levels.” It is a ‘group’ certificate that requires the study of subjects drawn from the three curriculum areas.

Students must request that an official certificate be mailed to the educational records office for evaluation. SCF awards credits based on the following exams and exam scores:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Passing Score of “A”, “B”, “C”, “D”, “E” (grades are not based on the American “A” – “F” grading scale)</th>
<th>General Education Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art and Design (AS-Level)</td>
<td>ART 1201C (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Art and Design (A-Level)</td>
<td>ART 1201C and 1203C (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Biology (AS-Level)</td>
<td>BSC 1005C (4 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Biology (A-Level)</td>
<td>BSC 2010C (7 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Business Studies (AS-Level)</td>
<td>GEB 1011 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Business Studies (A-Level)</td>
<td>GEB 1011 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Chemistry (AS-Level)</td>
<td>CHM 1025C (5 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Chemistry (A-Level)</td>
<td>CHM 1025C (5 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Economics (A-Level)</td>
<td>ECO 2013 and ECO 2023 (6 credits)</td>
<td>III and Elective</td>
</tr>
<tr>
<td>English (AS-Level)</td>
<td>ENC 1101 (3 credits)</td>
<td>I</td>
</tr>
<tr>
<td>English Language or Language &amp; Literature in English</td>
<td>ENC 1101 or ENC 1102 (3 credits)</td>
<td>I</td>
</tr>
<tr>
<td>French Language (AS-Level)</td>
<td>FRE 1120 or 1121 (4 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>French Literature (A-Level)</td>
<td>FRW 2000 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>French (A-Level)</td>
<td>FRE 1120 and 1121 or 2200 and 2201 (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Geography (AS-Level)</td>
<td>GEA 2000 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>German Language (AS-Level)</td>
<td>GER 1120 or 1121 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>German (A-Level)</td>
<td>GER 1120 and 1121 or 2200 and 2201 (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>History (AS-Level)</td>
<td>Three credits for each successfully passed paper, subject to course review. SCF will assign course credit equivalents based on each student's curriculum and may ask student to provide more information than is available on student's score report or transcripts.</td>
<td>III or elective</td>
</tr>
<tr>
<td>History (A-Level)</td>
<td>Six credits for each successfully passed paper, subject to institutional review. SCF will assign course credit equivalents based on each student's curriculum and may ask student to provide more information than is available on student's score report or transcripts.</td>
<td>III or elective</td>
</tr>
<tr>
<td>Latin (AS-Level)</td>
<td>LAT 1120 or 1121 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Marine Science (AS-Level)</td>
<td>OCE 1001 (3 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Mathematics (AS-Level)</td>
<td>MAC 2147 (4 credits)</td>
<td>II</td>
</tr>
<tr>
<td>Mathematics (A-Level)</td>
<td>MAC 2311 (4 credits)</td>
<td>II</td>
</tr>
<tr>
<td>Music (AS-Level)</td>
<td>MUH 1001 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Music (A-Level)</td>
<td>MUH 1001 and MUH 1011 or MUH 1012 (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Physics (A-Level)</td>
<td>PHY 2053C or PHY 1054C (8 credits)</td>
<td>V</td>
</tr>
<tr>
<td>Psychology (AS-Level)</td>
<td>PSY 2012 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Psychology (A-Level)</td>
<td>PSY 2012 and other Psychology course (minimum 6 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Sociology (A-Level)</td>
<td>SYG 2000 (3 credits)</td>
<td>III</td>
</tr>
<tr>
<td>Spanish Language (AS-Level)</td>
<td>SPN 1120 or 1121 (3 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Spanish Literature (A-Level)</td>
<td>SPN 1120 and 1120 or 2200 and 2201 (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Spanish (A-Level)</td>
<td>SPN 1120 and 1120 or 2200 and 2201 (6 credits)</td>
<td>Elective</td>
</tr>
<tr>
<td>Thinking Skills (A-Level)</td>
<td>PHI X103 or PHI X401 and PHI 2001 (6 credits)</td>
<td>Elective, IV</td>
</tr>
</tbody>
</table>
**DSST Exams**

The Defense Activity for Nontraditional Education Support (formerly the DANTES) program is a test conducted by the Educational Testing Services (ETS). The DSST Subject Standardized Tests measure earned achievement in specific college courses and in calculated credit hours. No duplicate credit can be earned nor will ETS assign grades to credits earned.

SCF awards credits based on the following exams and exam scores. Students must request that official DSST scores be sent to the educational records office for evaluation and awarding of credit.

### DSST Subject Standardized Tests (DANTES)

<table>
<thead>
<tr>
<th>Exam</th>
<th>Course Number (3 credits per exam)</th>
<th>Passing Score</th>
<th>General Education Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>A History of the Vietnam War</td>
<td>AMH 2930</td>
<td>44</td>
<td>Elective</td>
</tr>
<tr>
<td>Art of the Western World</td>
<td>ARH 2000</td>
<td>48</td>
<td>IV</td>
</tr>
<tr>
<td>Astronomy</td>
<td>AST 1002</td>
<td>48</td>
<td>V</td>
</tr>
<tr>
<td>Business Math</td>
<td>QBB 1001</td>
<td>48</td>
<td>None</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>CJI 1000 or CJI 1020</td>
<td>49/400</td>
<td>Elective</td>
</tr>
<tr>
<td>Ethics in America</td>
<td>PHI 2600</td>
<td>46/400</td>
<td>IV</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>EDF 1005</td>
<td>46/400</td>
<td>Elective</td>
</tr>
<tr>
<td>Fundamentals of College Algebra</td>
<td>MAT 1033</td>
<td>47/400</td>
<td>II</td>
</tr>
<tr>
<td>Fundamentals of Counseling</td>
<td>PCB 1002</td>
<td>45</td>
<td>Elective</td>
</tr>
<tr>
<td>General Anthropology</td>
<td>ANT 2000</td>
<td>47</td>
<td>III</td>
</tr>
<tr>
<td>Here's to Your Health</td>
<td>HSC 1100</td>
<td>48/400</td>
<td>Elective</td>
</tr>
<tr>
<td>Human Resources Management</td>
<td>MAN 2300</td>
<td>46</td>
<td>None</td>
</tr>
<tr>
<td>Human/Cultural Geography</td>
<td>GEO 2420</td>
<td>48</td>
<td>Elective</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>GEB 1011</td>
<td>46</td>
<td>Elective</td>
</tr>
<tr>
<td>Introduction to Computing</td>
<td>CGS 1000</td>
<td>45/400</td>
<td>Elective</td>
</tr>
<tr>
<td>Introduction to Law Enforcement</td>
<td>CJE 1000</td>
<td>45</td>
<td>Elective</td>
</tr>
<tr>
<td>Introduction to Modern Middle East</td>
<td>ASH 1044</td>
<td>47</td>
<td>Elective</td>
</tr>
<tr>
<td>Introduction to World Religions</td>
<td>REL 2000</td>
<td>48/400</td>
<td>IV</td>
</tr>
<tr>
<td>Lifespan Developmental Psychology</td>
<td>DEP 2004</td>
<td>46</td>
<td>Elective</td>
</tr>
<tr>
<td>Organizational Behavior</td>
<td>INP 2710</td>
<td>48</td>
<td>Elective</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>FIN 2001</td>
<td>46/400</td>
<td>None</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>GLY 2010</td>
<td>46</td>
<td>V</td>
</tr>
<tr>
<td>Principles of Physical Science I</td>
<td>PSC 1121C</td>
<td>47</td>
<td>V</td>
</tr>
<tr>
<td>Principles of Public Speaking</td>
<td>SPC 1600</td>
<td>47</td>
<td>I</td>
</tr>
<tr>
<td>Principles of Statistics</td>
<td>STA 2023</td>
<td>48/400</td>
<td>II</td>
</tr>
<tr>
<td>Principles of Supervision</td>
<td>MNA 1345</td>
<td>46</td>
<td>None</td>
</tr>
<tr>
<td>Rise and Fall of the Soviet Union</td>
<td>EUH 1066</td>
<td>45</td>
<td>Elective</td>
</tr>
<tr>
<td>Technical Writing</td>
<td>ENC 2210</td>
<td>46</td>
<td>Elective</td>
</tr>
<tr>
<td>The Civil War and Reconstruction</td>
<td>AMH 1050</td>
<td>47</td>
<td>Elective</td>
</tr>
</tbody>
</table>

---

### Excelsior College Examinations

Excelsior College Examinations (formerly known as Regents College Exams or the Proficiency Examination Program) are developed by Excelsior College in Albany, New York using national committees of faculty consultants and national studies. Excelsior College Examinations are approved by the American Council on Education and Excelsior College itself is accredited by the Middle States Association of Colleges and Schools (MSACS). Students must request that an official transcript from Excelsior College be sent to the educational records office. SCF awards credits based on the following exams and exam scores.

### Excelsior College Examinations

<table>
<thead>
<tr>
<th>Exam</th>
<th>Course Number (3 credits per exam)</th>
<th>Passing Score</th>
<th>General Education Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>ENC 1101 or ENC 1102</td>
<td>40 (Form E - 41)</td>
<td>I</td>
</tr>
<tr>
<td>Ethics: Theory and Practice</td>
<td>PHI 1630</td>
<td>46</td>
<td>Elective</td>
</tr>
<tr>
<td>Human Resources Management</td>
<td>MAN 2300</td>
<td>44</td>
<td>Elective</td>
</tr>
<tr>
<td>Life Span Developmental Psychology</td>
<td>DEP 2004</td>
<td>45</td>
<td>Elective</td>
</tr>
<tr>
<td>Psychology of Adulthood and Aging</td>
<td>DEP 2401 or DEP 2402</td>
<td>45</td>
<td>Elective</td>
</tr>
</tbody>
</table>
Transfer Credit for USAFI and Armed Forces School Courses

Credit may be given for no more than nine term hours of satisfactorily completed college courses that parallel courses offered by SCF. In order to be considered, official records of such courses must be filed before admission to the College. Such credit must be validated by the completion of 15 degree credits at SCF with a minimum grade point average of 2.0.

Maximum Credit Allowed

At least 25 percent of the hours of course credit required for a degree or certificate must be completed at SCF, regardless of the number of credits accepted by transfer. For example, students transferring 30 term hours from CLEP, AP and USAFI, plus traditional transfer credits, still must complete 25 percent of the program/certificate at SCF, even if the total credits exceed degree requirements.

Transient Approval for SCF Students*

A student who wishes to earn transient credit at another college or university must obtain prior permission and approval of courses from the educational records office, or the credit, without transient approval, may not be accepted by SCF. Transient study may be appropriate for SCF students spending a summer or term outside the service district, or for students moving to a senior institution before completion of the Associate in Arts degree. In the latter case, students still must complete 25 percent of the hours of course credit required for the degree/certificate at SCF.

Transient Approval (Nondegree-Seeking Non-SCF Students)*

Students working toward a degree at other colleges or universities may enroll at SCF upon presentation of a transient form from the student’s current (home) institution and an application for admission and payment of the application fee applicable to international students only (see “Cost and Fee Information”). Transient students are encouraged to receive advance approval from their home institution before registering for classes at SCF. An unofficial transcript to prove completion of prerequisite requirements may be required before meeting with an advisor to request a course permit. Students must complete the SCF transcript request form and pay the transcript fee (see “Cost and Fee Information”) in the educational records office so that the home institution will be informed that the credit was earned.

*NOTE: Electronic transient approval forms are available online for all Florida institutions at FACTS.org.

Readmission Policy

Former students who have not been in attendance for one year or more must apply for readmission and provide all documentation regarding residency requirements to the educational records office.

Students have the option of graduating under either the Catalog in effect at the time they re-enter the College, or the Catalog in effect at the time they complete requirements for a degree provided they maintain continuous enrollment of at least one credit per academic year. If continuous enrollment is broken, they must graduate under the Catalog in effect when they re-register or the Catalog in effect at the time they complete requirements for a degree.

Any former student who withdraws after attempting 12 term hours or more, with a cumulative or overall average of less than 2.0, will be readmitted in accordance with current academic standing rules.

Students seeking readmission after academic suspension or dismissal must follow the procedures in the Academic Standing section of the Catalog.

Students seeking readmission who were previously suspended or expelled from SCF must:

- provide reason(s) for readmission, including documentation that all previous issues, activities and/or violations of the College Standards of Student Behavior have been rectified/resolved; and
- have their request for readmission reviewed and approved by the College admissions committee.

The application fee, applicable only to international students, is payable one time only and will not apply to readmitted students provided the fee was paid upon initial admission.

Auditing Students

Students may take courses for audit but must be admitted in the same manner as credit students. An application for admission must be completed, application fee paid (international students only) and students must register and pay for classes during the time period indicated in the College calendar. The complete SCF audit policy can be found through the index.

International Student Admission Requirements

International students are defined as those students on any type of Visa category (A, B, E, F, G, H, J, K, L, N, O, P, R, T, TD, TN, V or TPS). SCF is authorized to admit nonimmigrant alien students. Students on the F-1 student status must be enrolled full-time each term. Students on a nonimmigrant status other than F-1 do not need to comply with the financial requirements listed later in this section entitled “Financial Resources,” and they do not need to be full-time. However, they do need
ENGLISH PROFICIENCY FOR ADMISSION:
Sufficient command of the English language to study at the college level is required and one of the following requirements must be met before the application for admission can be processed.

1. Take the Test of English as a Foreign Language (TOEFL). To be eligible to enter SCF, a score of 500 or better is required on the written-based TOEFL test, 573 or better on the computer-based TOEFL test or 61 or better on the online TOEFL test. An application to take the TOEFL test may be obtained by writing: Educational Testing Service, TOEFL Registration Office, P.O. Box 6152, Princeton, New Jersey, U.S.A. 08541-6152. The telephone number is 609-771-7100, FAX number 609-771-7500, website: www.toefl.org (The SCF TOEFL code number is 5427).

2. Attend one of the designated United States English Language Institutes (ELI) and complete level five (5) successfully or attend one of the international ELS Language Centers and complete level nine (9) successfully. For more information, go to scf.edu/International and click on “Intensive English Programs.”

3. Graduation from an American high school, earning the GED taken in English or successfully completing secondary education from a school outside the United States that teaches the entire secondary education curriculum in English.

SECONDARY EDUCATION: Those who earned their secondary education outside the U.S. must provide proof of successful completion. This requirement is satisfied by submitting an original or certified copy of their transcript listing courses taken, marks earned and the completion date of the secondary education. If the completion date is not included on the transcript, then a diploma will be required. If these forms are not in English, a certified translation must be provided along with the original or certified copy of the transcript mentioned above. The GCE, GCSE, CXC or HKCE with five (5) passes or more are required for those who completed their education under the British system.

FINANCIAL RESOURCES FOR F-1 VISA STUDENTS: Because SCF has no financial aid program for international students, they must have at their disposal $26,044 (equivalent to U.S. dollars). This is to cover tuition, fees, books, supplies, rent, utilities, food, transportation, personal expenses and required health insurance. This is the minimum amount required and does not include travel expenses or support for dependents, if any. Due to unforeseen tuition increases, the $26,044 may be increased without notice. A financial statement on official paper from a financial institution, with official signatures certifying funds (in U.S. dollar equivalence) available to the student, is required.

Students attending SCF on an F-1 student status may work only on campus if employment is available. Because of this uncertainty, students are not able to use these monies as part of their financial resources.

Other International Student Responsibilities and Requirements

PLACEMENT TESTING: Once a student proves his or her proficiency in English, he or she will be required to take the Postsecondary Education Readiness Test (PERT). The topics of the test are mathematics, English and reading. This test can be taken at SCF Bradenton or SCF Venice after the student arrives in the local area and before classes start. However, proof of completion of the ACT or SAT tests, taken within the last two years, and scores also are acceptable.

HOUSING: SCF has no dormitory system nor does it supervise housing in any way. For this reason, international students must make their own living arrangements and should allow sufficient time to locate housing before the beginning of the term. Information on local housing may be obtained by going to the international student pages on the SCF website at scf.edu/International.

RESIDENCY FOR TUITION PURPOSES: An international student who is in the United States on the F-1 student visa may not claim Florida residency for tuition purposes and must pay nonresident fees.

Only upon receipt of the SCF admissions application, proof of proficiency in English, financial statement of support and proof of successful completion of secondary education will the College certify and mail a SEVIS I-20AB to the prospective student.

Delinquency in supplying any of the requested items may disqualify the applicant from enrolling in any credit course.

All international students who have been admitted to SCF and have been issued a SEVIS I-20 must arrive in the local area and report to the educational records office at SCF Bradenton or SCF Venice a minimum of five business days prior to the start of classes. If a student is not able to arrive five or more business days prior to the start of classes, they will be required to notify the coordinator of educational records and defer their arrival to the next term. Once SCF is notified of the delay or deferral, a new I-20 for the next term will be issued.

The United States Student and Exchange Visitor Information System (SEVIS) requires that all students attending SCF on an F-1 student status must inform the College of any changes regarding their enrollment for the duration of their enrollment. The College must be immediately notified of any changes in a student’s street address, telephone number, e-mail address, change in program, degree or major and any health or financial problems. Failure to notify the College of any of these changes could cause reporting problems and may result in termination of a student’s status. International students are encouraged to work closely with the coordinator of educational records.
All of the SCF forms listed above, an application for admission and additional information may be obtained by visiting the College’s international student website at: scf.edu/International.

**ADMISSION SUMMARY (For All Students)**

1. Complete an application for admission online or take it to the educational records office. Pay application fee if international student.
2. Request from high school, GED office and/or college(s) attended that all transcripts be sent directly to the educational records office of SCF. Applicants previously attending one or more colleges must request that an official transcript from each institution attended be sent to the educational records office. Hand-carried transcripts will not be accepted for official transfer evaluation. It is advised that transcripts are received at least two months prior to the first term of enrollment. Students should request an unofficial college transcript for personal use to aid in the advisement process.
3. Submit placement test scores: Postsecondary Education Readiness Test (PERT), ACT or SAT and/or the TOEFL that are no more than two years old. Transfer students who have completed college English, mathematics and/or reading do not need test scores for placement.

Upon receipt of all the above items, students can proceed to orientation, advisement and Web registration. Orientation is mandatory for all new students and is by appointment only. A mandatory online orientation is required for all degree-seeking transfer students.

**SUMMARY OF SUPPORTING DOCUMENTS REQUIRED FOR ADMISSION**

<table>
<thead>
<tr>
<th>First-Time College Admissions: Degree-Seeking</th>
<th>Application Form</th>
<th>Affidavit</th>
<th>Application Fee</th>
<th>Test Scores for Placement</th>
<th>Official High School Transcript/GED*</th>
<th>Official College Transcripts</th>
<th>Enrollment or Dual Enrollment Form</th>
<th>TOEFL Scores/ELS Scores</th>
<th>Financial Resources Documentation</th>
<th>Refer to Catalog for Other Documents</th>
<th>Program Application</th>
<th>Mental &amp; Physical Exam</th>
<th>Background Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Admissions: Nondegree-Seeking</td>
<td>✓</td>
<td>✓</td>
<td>✓*</td>
<td>✓*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfer: Degree-Seeking</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transient: Nondegree-Seeking</td>
<td>✓</td>
<td>✓</td>
<td>✓**</td>
<td>✓**</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Readmission: Degree-Seeking</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>High School/College Coenrollment:</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Academic Enrichment</td>
<td></td>
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<tr>
<td>Dual Enrollment</td>
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<tr>
<td>Early Admission</td>
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<td>✓</td>
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<tr>
<td>Audit Admission: Nondegree-Seeking</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓**</td>
<td></td>
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<tr>
<td>International Students</td>
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<td>Selective Admissions/Limited Access</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓**</td>
<td>✓**</td>
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</tr>
</tbody>
</table>

* Placement test scores or previous college coursework are required for English, mathematics or reading courses, even for nondegree-status students.

** Separate application and fee required for selective admission programs.

1 Transcripts must be sent directly from all previous institutions attended.
RESIDENCY REQUIREMENTS
Florida Resident Information and Requirements

All applicants for admission to State College of Florida, Manatee-Sarasota (SCF), degree-seeking or nondegree-seeking, full time or part time, are required to execute a Statement of Residence if they claim in-state residence. If the applicant is under 24 years of age and unmarried, the statement also must be signed by a parent or court-ordered guardian. These guidelines implement Section 1009.21, Florida Statutes, and Rule 6A-10.044 and Rule 6A-20.003, Florida Administrative Code, for the purpose of determining residency status for tuition purposes in public community colleges and universities. For access to the statute and rule, go to scf.edu/Admissions and click on “Residency Information.”

A Florida “resident for tuition purposes” is a person who has, or a dependent person whose parent or court-ordered guardian has, established and maintained legal residence in Florida for at least twelve (12) months prior to the deadline for submission of residency information as outlined in the academic calendar for the term in which residency status is sought. Anyone not establishing residency by this date must apply for reclassification the following term. Residence in Florida must be a bona fide domiciliary rather than for the purpose of maintaining a residence incidental to enrollment at an institution of higher education. Other persons not meeting the twelve (12)-month legal residence requirement may be classified as Florida “residents for tuition purposes” only if they fall within one of the limited special categories authorized by the Florida Legislature. All other persons are ineligible for classification as a Florida “resident for tuition purposes.” To qualify as a Florida “resident for tuition purposes,” it is necessary to be a U.S. citizen, a permanent resident alien or a legal alien granted indefinite stay by the Department of Homeland Security. Living in or attending school in Florida will not, in itself, establish legal residence. Students who depend on out-of-state parents for support are presumed to be legal residents of the same state as their parents. Residence in Florida must be for the purpose of establishing a permanent home and not merely incidental to enrollment at an institution of higher education. Documents supporting the establishment of legal residence must be dated, issued or filed twelve (12) months before the deadline for submission of residency documentation as outlined in the academic calendar of the term for which a Florida resident classification is sought.

A copy of the most recent tax return or other documentation may be requested to establish dependence/independence. A dependent is defined as a person for whom 50 percent or more of his or her support is provided by another as defined by the Internal Revenue Service.

Documentation for Proof of Residency

The burden of proof rests on the student to establish and prove Florida residency status. All documents must be submitted to the educational records office. All documents supporting the establishment of legal residency must be dated, issued, or filed twelve (12) months prior to the deadline for submission of residency documentation for the term for which a Florida Resident classification is sought. A copy of the student’s most recent tax return and/or parent’s or legal guardian’s tax return or documentation may be required to establish dependence/independence. Note: A step-parent cannot be the claimant unless he or she has legally adopted or has legal guardianship of the student (copy of court papers is required).

To qualify as a Florida “resident for tuition purposes,” a student must be a U.S. citizen, legal permanent resident, or hold a visa status approved by the Florida legislature. Living in or attending school in Florida does not, in itself, establish legal residence. Students who depend on out-of-state parents for support are presumed to be legal residents of the same state as their parents.

A Florida “resident for tuition purposes” is a person who, or a dependent person whose parent or legal guardian, has established and maintained legal residence in Florida for at least twelve (12) consecutive months immediately preceding their first enrollment at the State College of Florida, Manatee-Sarasota (SCF). If the student was initially classified as a non-Florida resident for tuition purposes (for example: the student was previously enrolled in a Florida institution of higher education as a non-Florida resident and paid non-Florida resident tuition and fees; or, upon admission to SCF, the student signed the statement indicating he or she was a non-Florida resident) the student, or a dependent student’s parent or legal guardian, must have established and maintained legal residence in Florida for at least twelve (12) consecutive months immediately preceding the deadline for submission of residency documentation of the term for which reclassification to Florida Resident for tuition purposes is sought. Students who have not registered for classes for one year or more are considered inactive and will be required to reapply to the College and submit new residency documentation in order to prove Florida residency.

Definitions:

(A) DEPENDENT STUDENT: If you are under age 24 and 50 percent or more of your support is provided by another as defined by the Internal Revenue Service, you will be classified as a dependent student. A copy of your parent’s or legal guardian’s most recent federal tax return may be required to establish dependency.

(B) INDEPENDENT STUDENT: If you meet any one of the following criteria, you will be classified as an independent student.

- You are 24 years of age or older prior to the deadline for submission of residency documentation.
• You are married (copy of marriage certificate required).
• You have a child who lives with you and receives his or her support from you (copy of the most recent federal tax return listing the child as the dependent required).
• You have other dependents who live with you and receive their support from you (copy of the most recent federal tax return listing the person(s) as your dependent required).
• You are a veteran of the United States Armed Forces (copies of military documents required).
• Your parents are deceased and you are, or were until age 18, a ward of the court (copies of court documents required).
• You can provide documentation that you are not claimed by your parent/legal guardian as a dependent under the federal tax code and can document that you provide at least 50 percent of your own support for the cost of attendance as defined by the SCF financial aid office (copy of your most recent tax return required).

The claimant must provide two forms of evidence from the following lists: at least one document MUST be from Tier One; one document from Tier Two may be used in conjunction with one document from Tier One. ALL documents supporting the establishment of legal residence (whether from Tier One and/or Tier Two) must be dated, issued, or filed twelve (12) consecutive months before the deadline for submission of residency documentation classification is sought. No single piece of documentation will be considered conclusive.

TIER ONE (at least ONE document MUST be from the following list):

1. Florida voter registration card
2. Florida driver license
3. State of Florida identification card
4. Florida vehicle registration
5. Proof of purchase of a permanent home in Florida that is occupied as a primary residence of the claimant (mortgage, deed, contracts/agreements must be dated twelve (12) consecutive months prior to the deadline for submission of residency documentation).
6. Proof of a homestead exemption in Florida
7. Transcripts from a Florida high school for multiple years or a Florida GED and score report (only if high school diploma or GED was earned within the last twelve (12) consecutive months); if transcript or Florida GED is the student’s, the claimant must be listed as the student’s parent or legal guardian.
8. Proof of permanent full-time employment in Florida (letters from current and past employers on letterhead stating the date of hire and that claimant has been employed as a permanent full-time employee for at least 30 hours per week for the last twelve (12) consecutive months).

TIER TWO (ONE document from the following list may be used if claimant has only one document from Tier One above):

1. A declaration of domicile in Florida
2. A Florida professional or occupational license (must be current and show at least twelve (12) consecutive months).
3. Florida incorporation
4. Documents evidencing family ties (Example: adoption or legal guardianship papers or other official court documents).
5. Proof of membership in Florida-based charitable or professional organizations (NOTE: membership in a church does not constitute membership in a Florida based charitable organization).
6. Utility bills and proof of twelve (12) consecutive months of payments (cable/satellite TV, electric, gas, water, telephone, NOTE: cell/mobile phones cannot be used); service must be current; only one utility may be used.
7. A lease agreement and proof of twelve (12) consecutive months of payments (lease must be current; copies of prior leases may be used to establish twelve (12) consecutive months); or an official state, federal, or court document for housing evidencing legal ties in Florida.
8. Any other documentation that supports the student’s request for resident status.

Examples of documents that CANNOT be used: hunting/fishing licenses, library cards, shopping club/rental cards, birth certificates and/or passports.

Note: Birth certificates or marriage/divorce documents may be requested to prove a name connection to the student claiming Florida residency.

RECLASSIFICATION TO FLORIDA RESIDENT

An individual who is initially classified as a nonresident for tuition purposes (Example: individual was previously enrolled in a Florida institution of higher education as a non-Florida resident and paid non-Florida resident tuition and fees; or, upon admission to SCF, signed the statement indicating that you were a non-Florida resident) may become eligible for reclassification to a Florida resident by presenting documentation and completing the “reclassification to Florida resident” form.

The evidentiary requirement for reclassification goes beyond that for an initial classification. An individual who is initially classified as a nonresident for tuition purposes may become eligible for reclassification as a resident for tuition purposes only if that individual, or
his or her parent if that individual is a dependent, presents clear and convincing documentation that supports permanent legal residency in this state for 12 consecutive months. A student, or his or her parent if that student is a dependent, may become eligible for reclassification by presenting a minimum of three (3) documents identified in Tier One and Tier Two. One of the three documents MUST come from Tier One.

All documentation submitted must show “clear and convincing” evidence and the documentation must be credible, trustworthy, and sufficient to indicate that the student or, if that student is a dependent, his or her parent has established legal residency in the state of Florida and that it is not solely for the purpose of pursuing an education and has relinquished residency in any other state for a minimum of 12 consecutive months prior to classification.

An individual who is classified as a nonresident for tuition purposes and who marries a legal resident of the state and later becomes a legal resident may become eligible for reclassification by submitting proof of his/her legal residency, evidence of his/her marriage to a legal resident, and evidence of his/her spouse’s legal residency in Florida for at least twelve (12) consecutive months immediately preceding the application for reclassification. The individual does not have to satisfy the requisite 12-month qualifying period.

Required Documentation:
To satisfy documentation requirements, the student, or his or her parent if that student is a dependent, must provide photocopies of at least two (2) of the following three (3) documents as part of the overall required three documents. These documents must be dated at least twelve (12) consecutive months prior to the deadline for submission or residency documentation (photocopies must be attached and submitted with the statement of Florida Residency form):

- Florida driver license OR Florida identification card* (required)
- Florida vehicle registration
- Florida voter registration

If the claimant does not have two of the three above documents, consideration may be given on a case-by-case basis for utilizing other documents that prove Florida residency; however, in all cases, the claimant must have a Florida driver license or identification card.*

*The Florida ID card can be used only if there is no evidence of ties to another state and substantial evidence is presented signifying Florida residency; i.e. the claimant cannot possess a valid driver license from another state.

Residency Appeal Process
Once a residency status has been determined by SCF personnel and if a student believes that his or her residency classification is incorrect, he or she may submit a Residency Status Appeal form and attach all supporting documentation to the educational records office.

The appeal is reviewed by the Residency Appeal Committee.

The student will receive a letter in the mail indicating the decision and the decision of the committee is final.

To view the complete “Guidelines on Florida Residency for Tuition Purposes,” go to scf.edu/Admissions and click on “Residency Information,” or www.facts.org.

Registration

Registration is the process of selecting and enrolling in courses. In order to register, students must have completed the admissions process with the following documents on file in the educational records office:

- SCF Application for Admission;
- Official high school transcript, or GED, if required;
- Official college transcript, if applicable; and
- Placement test scores, if required.

Prior to registration, the following steps must be taken:

- If a student intends to apply for financial aid, a declared major, an official copy of a student’s high school transcript or GED scores and all college transcripts must be on file;
- Complete a new student orientation; and
- Seek advisement by visiting with a student development advisor.

All students must register by the end of the add/drop period as published in the academic calendar. Late start classes may have different add, drop and withdrawal dates. Go to the online course schedule course comments for this information.

It is essential that students select their courses carefully, ensuring that course work fulfills the requirements of their selected degree or certificate program. Advisors are available to assist students in planning a program of study that meets their educational and career goals.

Web registration: scf.edu

Registration Holds

A student record may have a hold that prevents registration for classes. Typical reasons for a hold include financial obligations to the College or an incomplete student file. To find out what type of hold is on a record, students can view holds on the website at: scf.edu. Click SCFconnect, use the correct User ID and password, choose the Student tab, click on Registration Status and select the term.
Registration Priority Dates

Registration priority dates are established each term based upon credits completed at the end of the previous term (excluding remedial courses) and are published in the academic calendar on the SCF website and the College Catalog. The dates are grouped according to continuing, transfer, transient, returning and new student cohort status.

Adding and Dropping Classes

Students who wish to add or drop a course for a term may do so via the SCF website, scf.edu, using the same procedures as regular registration. Add/drop deadlines appear in the academic calendar on the SCF website and in this Catalog. Late start classes may have different add, drop and withdrawal dates. Go to the online course schedule course comments for this information.

Any tuition paid for a course dropped by the deadline will be refunded to the student. The course will not appear on the student’s transcript.

For extenuating circumstances, students may use the “Student Request for Administrative Record Change” form available at the educational records, advising center and academic departmental offices. These forms are to be used only the week following drop/add (also referred to as the “Faculty Adjustment Week”) for special circumstances as determined by the individual academic departments.

Students must follow regular withdrawal procedures to withdraw from a course after deadlines that are published in the academic calendar on the SCF website each term and in this Catalog.

Personal Identification Number (PIN)

All students must have a student identification number, user ID and password to register by Web and to access their grades and academic records online. Once a student successfully logs into the system, the student should enter a new password for security reasons. A new password must be created using six numbers. The student will be asked several security questions. Students are encouraged to select a password and answer questions that are easy to remember as this will allow the student to reset the password at a later time. Students should remember to protect their password, as it is their access to confidential student information.

If a student has logged into the system incorrectly multiple times, they will not be able to access their academic records. Students can request a password code reset from the educational records office and must bring a current picture identification card (i.e. driver license or current student identification card) in person to the educational records office. Requests also can be faxed to 941-727-6380 (Bradenton) or 941-480-3156 (Venice) and must include the student’s request for the reset, a signature and an attached copy of a valid identification card. Faxed requests require 24 hours for completion. Passwords cannot be reset via telephone or e-mail.

Student E-mail

SCF has designated e-mail as an official method of communication with students regarding topics of an academic or administrative nature. Upon application and acceptance to the College, the College will assign and activate an e-mail account to each student and expects students to be responsible for all information sent to them via their College e-mail account. Students can access their e-mail accounts via SCFConnect.

Students that request a new e-mail address due to a name change, must complete the “Change of Name/Address” form in the educational records office. The form is completed and signed by the student and must include an official copy of a court-issued document verifying the name change.

Voiding of Classes Due to Nonpayment of Tuition and Fees

Following registration, students are responsible for payment of all term tuition and fees by the deadlines published in the class schedule, College Catalog and on the SCF website. Students who fail to pay tuition and fees by the posted deadlines will have courses canceled from their schedules for the term. Students can attempt to re-register for courses online on a space-available basis during the regular add/drop period for the term. A student reinstated in classes is obligated to pay all tuition and fees on the day of registration, or the courses will be canceled again from the student’s schedule.

Overrides for Courses

An override is an electronic departmental approval to add a student to a course section that is full to capacity.

Permits and overrides to courses are rarely granted but may be considered if a student provides evidence of major, verifiable extenuating circumstances. Requests should be presented in writing to the respective department chair for consideration. Contact information follows.

<table>
<thead>
<tr>
<th>Department Contact Information</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business &amp; Technology ..........</td>
<td>941-752-5281</td>
</tr>
<tr>
<td>Fine &amp; Performing Arts .........</td>
<td>941-752-5251</td>
</tr>
<tr>
<td>Fine &amp; Performing Arts (Music)</td>
<td>941-752-5351</td>
</tr>
<tr>
<td>Health Professions .............</td>
<td>941-752-5209</td>
</tr>
<tr>
<td>Language &amp; Literature ..........</td>
<td>941-752-5242</td>
</tr>
<tr>
<td>Mathematics ....................</td>
<td>941-752-5224</td>
</tr>
<tr>
<td>Natural Sciences ...............</td>
<td>941-752-5341</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences ...</td>
<td>941-752-5314</td>
</tr>
</tbody>
</table>

For specific contact information, refer to the employee directory on the SCF website.

Course Loads

Minimum Course Load: The minimum course load to be enrolled as a student at the College is one credit hour (degree credit or college preparatory credit) for a term. Financial aid minimum loads and veterans’ benefits
minimum loads are described in the Student Financial Aid section of the Catalog.

Maximum Course Load: The maximum course load to be enrolled as a student at the College is 18 credit hours (degree credit or college preparatory credit) for a term (Fall, Spring or Summer) with the exception of certain programs requiring a heavier load.

Petition for Overload: A student wishing to take additional credit hours beyond the 18 credit limit requires a Petition for an Overload. Petitions must be acquired from and approved by student development advisors at SCF Bradenton or SCF Venice. Students are limited to 21 total credit hours for a single term. Appeals to this policy can be directed to the vice president of educational and student services (or designee).

Orientation

Orientation is part of the enrollment and advisement process at SCF and is mandatory for all new students (part- and full-time). New student orientations are held each term and are designed to provide students with information on programs, services and facilities to allow them to make successful, informed decisions during the advisement process.

Following completion of the admissions application process and placement testing, students can register for an orientation program on either campus. Students will have an electronic orientation hold on their student registration account until attendance at an orientation program has been recorded.

Identification (ID) Card

Each student will be issued a free identification card (ID card) when all tuition and fees are paid for term of enrollment. The card is a picture ID issued by the College and is required of all students. The card is essential for most transactions and check-writing identification in the bookstore, library lending privileges, security purposes and general identification for various administrative offices. ID cards may be obtained in the office of public safety at SCF Bradenton or SCF Venice and can be replaced for $10 each.

Permits for Prerequisite/Corequisite Courses

A permit is an electronic departmental approval for a student to enroll in a course based on previous academic work, test scores or other approval when a prerequisite has not been met.

A prerequisite is a course that must be completed with a grade of “C” or higher before registering for the next sequential course.

A corequisite course is a course that must be taken at the same time as another course, and they are linked together for proper enrollment.

Note: Depending on the academic area, an advisor or department chair may provide permits for transfer and transient students with supporting transcripts and/or grade reports for the first-term of enrollment only.

Advisement and permits based on unofficial transcripts and/or grade reports may be subject to revision following completion of official transfer evaluation by the educational records office.

Online Services for Students

SCF provides prospective and enrolled students with a full range of Web-based services, including the full text of the College Catalog and class schedule. Students can request information, apply for admission and financial aid, register and withdraw from classes, pay online, order official transcripts and enrollment verifications, and complete a degree audit. In addition, students can review their financial accounts and academic records (including grades and unofficial transcripts). Information concerning services to students with disabilities, library services, career information, scholarship search, activities, campus security and online courses also is available over the Web.

FACTS (Florida Academic Counseling and Tracking for Students)

FACTS (Florida Academic Counseling and Tracking for Students) is a Web-based guidance assistance tool for students that provides information about Florida colleges and universities. The website provides information on degree programs, admission requirements, degree audits and services. Students can access FACTS through www.facts.org or through a link on the SCF website scf.edu.

College Source

College Source is an online service that provides access to college and university catalogs throughout the United States. This resource can be used to access college and university course catalogs, websites and accreditation information. SCF catalogs from 1959 through the current year are accessible on this website: www.CollegeSource.org.

Cost and Fee Information

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<thead>
<tr>
<th></th>
<th>Florida Resident</th>
<th>Non-Florida Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two-year program courses</td>
<td>$102.48</td>
<td>$386.52</td>
</tr>
<tr>
<td>Baccalaureate courses</td>
<td>$113.64</td>
<td>$473.64</td>
</tr>
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</table>

State College of Florida, Manatee-Sarasota (SCF) fees are governed by the Florida Legislature and the SCF District Board of Trustees. Fees are subject to change without notice whenever conditions dictate. Course fees are due and payable by the deadline published on the SCF website.
Fees for college preparatory courses are assessed by college preparatory credits equivalent in time to degree credits. Audit students pay the same fees as credit students.

Continuing workforce education fees vary course by course but the applicable tuition/out-of-state fees will comply with Section 1011.80, Florida Statutes, that provide that the amount of fees assessed and collected must be equal to at least 50 percent of the total expenditures of the program. These course fees are approved individually at regularly scheduled Board of Trustees meetings.

Fee Assessment for Third Attempt

The Florida Legislature passed House Bill 1545, effective July 1, 1997, and amended effective July 1, 1999. This bill requires that students enrolled in the same undergraduate college credit course or college preparatory course more than two times shall pay fees at 100 percent of the full cost of instruction. (For purposes of this assessment, the Florida Legislature considers 100 percent of the full cost of instruction to be equal to the non-Florida resident fee, which is not subsidized by state monies.)

In order to administer this requirement, colleges in Florida began “counting” student attempts beginning with the Fall 1997 term, regardless of the number of previous attempts.

If a student is forced to withdraw because of documented extenuating circumstances, documented disability or documented financial hardship, a student may apply for a one-time exception for each class, according to policy set by the SCF Board of Trustees. The procedure forms to request an exception to the assessment of the full cost of instruction are available in the advising center on each campus.

The appeal form process (waiver of third attempt fees) must be completely processed by the posted deadline for the term to which it applies. After that date, no waiver of fees will be granted for any reason.

Some performance-based and fine arts courses are exempt from the third-attempt policy. More information is available by contacting the department chair.

Additional Fees

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Access Fee:</td>
<td>$40</td>
<td>nonrefundable</td>
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<tr>
<td>Credit for Experiential</td>
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</tr>
<tr>
<td>Learning (C.E.L.) Application Fee:</td>
<td>$5</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>C.E.L. Fees:</td>
<td>$16/credithour</td>
<td></td>
</tr>
<tr>
<td>Duplicate Diploma Fee:</td>
<td>$15</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>Graduation Fee:</td>
<td>$20</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>(Payable before the application for graduation is processed, for each degree.)</td>
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</tr>
<tr>
<td>Health Professions Programs</td>
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</tr>
<tr>
<td>Application Fee:</td>
<td>$20</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>Drug Screening Fee:</td>
<td>$40</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>Nursing (ASN) Application Fee:</td>
<td>$35</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>Test of Essential Academic Skills (TEAS):</td>
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<td>nonrefundable</td>
</tr>
<tr>
<td>International Student Application for Admission Fee:</td>
<td>$75</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>Late Fee:</td>
<td>$50</td>
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<tr>
<td>OneCard Replacement Fee:</td>
<td>$21</td>
<td>nonrefundable</td>
</tr>
<tr>
<td>Inactive OneCard Replacement Fee:</td>
<td>$10</td>
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</tr>
<tr>
<td>Parking Decal (one per student):</td>
<td>No Charge</td>
<td></td>
</tr>
</tbody>
</table>

All students enrolled at SCF who drive and park a motorized vehicle at SCF Bradenton and SCF Venice are required to have a parking decal and display it on their vehicle at all times.

Parking Violations:
- Improperly parked in a handicapped space or blocking handicapped ramp $250
- Parking in undesignated areas, blocking traffic, parking in a no-parking area or parked over line $30
- No current SCF decal, improper decal or no decal showing $20
- Parking in reserved or visitors space or parked in a motorcycle space $30
- Moving violations (College student court) $20 minimum

Reinstatement Fee $50 nonrefundable
Returned Check Fee $20 nonrefundable
A minimum of $20 will be charged for NSF (insufficient) checks. The maximum charge permitted by law is the greater of $40 or 5 percent of the face amount of the check. The check writer also is responsible for costs associated with collection.

Student ID Card Replacement Fee $10 nonrefundable

Testing Fees: nonrefundable

<table>
<thead>
<tr>
<th>Test Name</th>
<th>SCF Student</th>
<th>Non-SCF Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERT-Reading</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>PERT-Writing</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>PERT-Math</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>PERT-Retake*</td>
<td>$10</td>
<td>$10</td>
</tr>
<tr>
<td>FCELPT-Reading</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>FCELPT-Sentence Skills</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>FCELPT-Arithmetic</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>FCELPT-Elementary Algebra</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>FCELPT-College Level Math</td>
<td>-0-</td>
<td>$10</td>
</tr>
<tr>
<td>FCELPT-Retake (each section)*</td>
<td>$10</td>
<td>$10</td>
</tr>
</tbody>
</table>

NOTE: FCELPT = Florida College Entry Level Placement Test
* The PERT and FCELPT nonrefundable retest fee is $10 per section for both SCF and non-SCF students. If your PERT or FCELPT scores are more than two years old, no retest fee is charged.

Testing Fees: nonrefundable

<table>
<thead>
<tr>
<th>Test Name</th>
<th>SCF Student</th>
<th>Non-SCF Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLEP</td>
<td>$77 test fee</td>
<td>same</td>
</tr>
<tr>
<td>+ $15 administration fee</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

continued
Proctored Exams

-0-

$25 per test up to three hours in length.

$50 per test more than three hours in length.

Transcript Fee: ............................................... $7 nonrefundable

(For each transcript, payable with each written request. One free official transcript is mailed to each student upon graduation from SCF.)

State Employee Fee Waiver

Pursuant to Section 1009.26 of the Florida Statutes, students may request permission to register for up to six credit hours without payment of tuition if they qualify as state employees under the guidelines.

These students are responsible for paying regular admission application fees (if applicable), completing all admissions requirements, placement testing, submission of transcripts, and proving completion of all prerequisite courses. Students must pay any applicable special fees. State employees must register between the end of the first day and the last day of the add/drop period for classes on a space available basis only. Tuition waivers are for a maximum of six credit hours each term, are for college credit or vocational credit only and cannot be audited. The waiver is not applicable to noncredit (continuing education) courses.

State employees must complete and submit an SCF State Employee Tuition Waiver Approval Form and an original Intent to Apply form from their designated agency to the educational records office. The educational records office will verify the student’s employment status and will waive applicable fees provided all documentation is complete. The employment verifications will become a part of the student’s permanent academic records file.

Classroom Teacher Tuition Waiver

Pursuant to Section 1009.26 of the Florida Statutes, students may request permission to register for up to six credit hours without payment of tuition and fees if they qualify as a public classroom teacher under the state guidelines. These students are responsible for paying regular admission application fees (if applicable), completing all admissions requirements, placement testing, submission of transcripts, and proving completion of all prerequisite courses. Students must pay any applicable special fees. Florida public classroom teachers must register between the end of the first day and the last day of the add/drop period for classes on a space available basis only. Tuition waivers are for a maximum of six credit hours each term, are for college credit and must be courses related to special education, mathematics or science. The waiver cannot be used for courses scheduled during the school district’s regular school day. The waiver is not applicable to noncredit (continuing education) courses.

Florida public school classroom teachers must complete and submit an SCF classroom teacher tuition waiver approval form and submit a letter of verification on school district letterhead that signifies full-time teaching status.

Noncredit Course Fees Through the Center for Corporate and Community Development

Fees for continuing workforce education and other noncredit courses, e.g., for recreation and leisure, are designed to cover, at a minimum, the expense of conducting the course, and they vary from course to course. These course fees are approved individually each month at regularly scheduled Board of Trustees meetings.

Library, Parking and Other Fiscal Obligations

No student transcripts will be issued unless library, parking, lab and all College fiscal obligations are met. All borrowed materials must be returned before the student’s academic record will be released. Future registrations for classes also may be blocked.

Special Programs

Special programs of varying duration may be offered appropriate to the needs of the community. Fees will be detailed in program brochures and in all cases will be in addition to those incurred as a student enrolled in regular degree courses listed in the Catalog.

Personal Expenses

Room, board and transportation expenses are not included in student course costs. Students wishing to live in the vicinity must contract for their own living accommodations.

Method of Fee Payment

Student fees may be paid online by check, American Express, MasterCard, VISA (debit or credit) or in person at the fee payment office on either campus.

Payment and Financial Obligations

Students at SCF should know and understand their responsibilities regarding the payment of financial obligations.

The following is a summary of the student’s basic financial responsibilities:

1. A student is ultimately responsible for the payment of his/her tuition, fees, books and any other expenses incurred while attending SCF, irrespective of any financial assistance provided by parents, relatives or others.
2. If a student is permitted to register based on eligible, authorized financial aid, the first funds of that financial aid disbursed to students will be used to pay any and all charges on the student’s account. These charges may include, but are not limited to tuition, fees, books, fines and prior term balances. No refunds will be issued until all such charges are paid in full, regardless of other financial aid which may later be available to pay those charges.

3. A student may incur expenses such as tuition, fees, books and other costs that are paid by a third party agreement (e.g., Department of Vocational Rehabilitation). Those expenses must be authorized by the third party in advance of the student enrolling at SCF. If a student incurs charges not authorized by the third party, those expenses will be the responsibility of the student.

4. A veteran, who is eligible for VA education benefits for payment of this deferment to the College. A VA student is entitled to deferment only ONCE during an academic year. Since certain VA benefits are granted a 60-day deferm ent for tuition and fees. A VA student is entitled to deferment only ONCE during an academic year. Since certain VA benefits are paid directly to the student, the student is responsible for the payment of the deferment from his/her classes.

5. If a third party is paying for a student’s tuition and fees through direct payment to the College, the student should take a letter of authorization signed by the third party to the financial aid office. The College will not accept a letter of authorization that is contingent upon the student achieving a passing grade or completing the course. The third-party agreement must be approved by the president of the College prior to its use as a payment method.

6. A student is responsible for adhering to the College’s requirement for the acceptance of personal checks and the returned check policy.

Refund Policy

Nonrefundable fees may be viewed in the Cost and Fee Information section under Additional Fees.

Refunds during posted add/drop period: Course and special fees associated with the course are refundable when a student drops a course before the end of registration for the term (end of the posted add/drop period). A drop with a refund is completed when a student
logs onto SCFconnect, drops the class and submits the changes online. Refunds are posted approximately 10 days following the close of registration.

SCF has partnered with Higher One, a financial services company, to process refund disbursements to students. Upon initial Web registration in a course a OneCard is mailed to each student at the mailing address listed on the student’s official educational record. Students MUST activate their OneCard in order to receive a refund. During activation, students will choose their refund method.

- One Account – Debit MasterCard with a free checking account
- ACH transfer to an existing bank account

A fee will be assessed if the OneCard is sent to the address listed on the student's official educational record and it is incorrect, or if the card is mailed to the address listed on the student’s official educational record and is destroyed or discarded, and the student requires a new card. Nonrefundable replacement fees for active and inactive OneCards may be viewed in the Cost and Fee information section under Additional Fees. Replacement cards can be ordered through the fee payment office at SCF Bradenton or SCF Venice.

The basis for refunds of refundable fees is as follows:

- Refunds of 100 percent (less nonrefundable fees) will be made until 11:59 p.m. on the last day of registration (end of the posted add/drop period). If the fees were paid by a financial aid fund, the refund will be returned to the financial aid program that initially paid the fees. Students who register for short-term/late-start classes will follow the same procedures but may have separate add/drop refund deadlines.

**Refunds during the withdrawal period:** Students who withdraw from a course based upon a documented College error after the close of registration (end of posted add/drop period) may petition the College Refund Committee for a refund of fees. No other requests for refunds will be permitted. A documented College error is one wherein the student can definitively show that an error on the part of SCF resulted in the student’s course being one wherein the student can definitively show that an error on the part of SCF resulted in the student's course.

**Financial Aid Application Procedure**

**Free Application for Federal Student Aid (FAFSA)**

SCF considers FAFSA to be the College application for need-based assistance.

The information on the Student Aid Report (SAR) is used to determine eligibility to receive funds from federal programs, and from many state and institutional aid programs. Students should check requirements for each aid program for which they wish to be considered. Application procedures vary with the type of aid.

**SCF’s Title IV Code is: 001504.**

**Financial Aid Eligibility Criteria**

Approximately one to two weeks after an application is submitted online, the applicant will receive a Student Aid Report (SAR). If SCF is not listed in step number six (6) on the SAR, students should go online to www.fafsa.gov and add the school code. This year (2011-2012) the SAR is yellow in color.

If a student qualifies for a Federal Pell Grant, an award will be offered if the student meets these requirements:

- The student has been formally accepted for admission to the College as a regular A.A., A.A.S., A.S. B.A.S. or B.S. degree-seeking student and the admission file is complete.
- The student submitted all required forms and documents to verify his or her application.
- The student meets the U.S. citizenship requirements.
- The student is not in default on a student loan or does not owe a refund on a scholarship or grant.
- The student is making satisfactory academic progress.
- The student enrolls in classes.

**Note:** A foreign student who is attending SCF on a student visa and who already has declared financial independence is not eligible for federal financial aid programs.

**Note:** If a student qualifies for financial aid, an award letter noting all forms of aid will be sent by the financial aid services office.

The following deadlines for each term are provided for student financial planning. If students have not submitted all required paperwork by the term deadline, students will need to pay for classes and be reimbursed when their financial aid has been finalized.

**Fall 2011 Term - Aug. 1, 2011**
- Spring 2012 Term - Dec. 12, 2011
- Summer 2012 Term - April 27, 2012

**Student Financial Aid**

*scf.edu/FinancialAid*

This section is designed to provide information and application procedures for student financial assistance awarded through the financial aid services office.

The purpose of financial aid at State College of Florida, Manatee-Sarasota (SCF) is to provide assistance to students who have demonstrated financial need or who possess academic or special talent. Awards may come from grants, scholarships, loans or part-time employment.
Students can check their financial aid status by going to scf.edu/SCFconnect.

Disbursement of Aid

A financial aid award (scholarships and grants) may be used for registration fees for the specified term(s). At the close of registration, any balance in the account will be credited to the student unless otherwise specified by a private scholarship donor. Refunds of any credit balance will be forwarded to the student based upon the student’s OneCard chosen option approximately three to four weeks after registration ends.

Federal Direct Stafford Loan funds will be released no earlier than two weeks after the first day of classes of each term provided the funds have been received. Refunds of any credit balance will be forwarded to the student based upon the student’s OneCard chosen option. The first loan disbursement for a first-year student who has not previously had a Stafford Loan will be 30 days after classes begin. A student may be eligible for a deferment of fees and/or short-term loan for books if the financial aid file is complete.

Students who are employed in one of the SCF college work programs will be paid bi-weekly for hours worked.

Financial Aid Terminology

Grants:
Money provided to help cover college expenses, usually based upon financial need and usually does not require repayment.

Scholarships:
Money provided to help cover college expenses, usually based upon a skill or achievement and usually does not require repayment.

Deferment:
Funds provided by SCF as a temporary loan to cover tuition and fees pending receipt of financial aid funds. It is repayable within 60 days (30 days for summer) from the first day of classes or when financial aid is disbursed, whichever comes first.

Loans:
Money provided by an outside lender to help cover college expenses, may be based upon need. Repayment is required, usually when a student’s enrollment drops below half-time.

Types of Financial Aid

Federal Pell Grant
This is the largest of the federal government’s student aid programs. Qualified students may be awarded between $0 and $5,510 per year at SCF.

Federal Academic Competitiveness Grant
This is a grant from the federal government for students who have completed a rigorous high school pro-
1. The student registers and does not attend one or all of the classes he or she has registered for and does not drop the classes during add/drop. Due to reduced eligibility, the student will be required to repay any grants and/or scholarships that were received.

2. The student registers for a class and changes his or her status from credit to audit. Due to reduced eligibility, the student will be required to repay any grants and/or scholarships that were received.

3. The student registers for classes and drops all of them during add/drop but does not return books and/or supplies that were purchased through the use of a scholarship or grant. Due to reduced eligibility, the student will be required to repay any grants and/or scholarships that were received.

4. The student receives a grant or scholarship that requires full-time attendance but is carrying less than 12 load hours because a class was canceled or the student never attends a class or changes status from credit to audit. Due to reduced eligibility, the student will be required to repay any grants and/or scholarships that were received.

5. The student completely withdraws prior to completing 60 percent of a term and received federal student aid.

**On-Campus Employment**

**Federal Work-Study (FWS) Program**

Federal Work-Study is a federally funded program that enables students to work on campus. FWS students must have completed the Free Application for Federal Student Aid (FAFSA). Eligibility is determined by the student’s evidence of financial need as determined by the FAFSA.

This is an institutional work program that enables students to work part time, up to 25 hours per week, in administrative and departmental offices, libraries and laboratories. Interested students must maintain a minimum grade point average of 2.0 throughout employment and must be enrolled in a minimum six (6) credit hours and be a degree-seeking student at SCF in order to work as a student assistant. Students also should be aware that the amount of Federal Student Loan dollars one is eligible to receive is directly affected by the amount of FWS funds already awarded and vice versa. For additional information on how FWS could affect your student loan eligibility, please contact either the financial aid office or the career resource center. Applications for all on-campus student assistant positions are available in the career resource center.

Students interested in employment off campus may contact the career resource center or the career resource center Web page, scf.edu/CareerResourceCenter.

**William D. Ford Federal Direct Education Loans**

Financial aid awarded in the form of loans must be repaid. For this reason, loans are considered to be a "self-help" form of assistance.

**Federal Direct Stafford Loans (FDSL)**

The Federal Direct Stafford Loan is a low-interest loan available to eligible students who are accepted for admission to the College and enrolled at least half-time (six credit hours) at SCF at the time of disbursement. Students borrow directly from the federal government. The interest during periods of enrollment is paid by the federal government if the student demonstrates financial need. Processing by the government may take up to two months. Entrance/exit interview information is required. First-year students who have not had a previous loan will receive a first-loan disbursement 30 days after classes begin. If the financial aid file is complete, the student may be eligible for a deferment of fees and a short-term loan for books.

**Additional Federal Direct Unsubsidized Stafford Loans**

The additional Federal Direct Unsubsidized Stafford Loan is a non-need based, low-interest loan available to eligible dependent and independent students who are accepted for admission to the College and enrolled at least half-time (six credit hours) at SCF at the time of disbursement. Students borrow directly from the federal government. The interest during periods of enrollment is NOT paid by the federal government and is to be paid by the student. Processing by the government may take up to two months. Entrance/exit interview information is required. First-year students who have not had a previous loan will receive a first-loan disbursement 30 days after classes begin. If the financial aid file is complete, the student may be eligible for a deferment of fees and a short-term loan for books.

**Federal Direct Parent Loans for Undergraduate Students (FD PLUS)**

This federal loan program is available to parents of dependent undergraduate students. Qualified applicants may borrow from the federal government. The interest rate on these loans is variable with a maximum of 9 percent and repayment must begin within 30 days of the loan’s full disbursement. First-year students who have not had a previous loan will have a first-loan disbursement date of 30 days after classes begin. If the financial aid file is complete, the student may be eligible for a deferment of fees and a short-term loan for books.

**Deferments**

SCF deferments are for students who have been determined eligible for financial aid, but a delay in receipt of their financial aid or veterans’ benefits means the funds will not be available at the time of registration. NOTE: Students must complete a deferment/short-term promissory note each term if the student loan is the only form of payment for tuition and fees. Students who have a student loan and additional aid for a term that is not adequate to cover tuition and fees, need to complete a deferment/short term promissory note each term for the balance due.
Short-Term Loan

Short-term loans are available to students who have a student loan pending or are eligible for an unawarded scholarship or grant. (The financial aid services office must have proof of eligibility on file.) The SCF short-term loan is a no-interest loan to cover books and is repayable by the date on the promissory note. Students who have a scholarship or grant and are eligible for a bookstore authorization are not eligible for a short-term loan.

Students need to complete a deferment/short-term promissory note each term if the student loan is the only form of payment for tuition and fees. If a student has additional aid, but it is not adequate to cover tuition and fees, and the student has a loan, they will need to complete a deferment/short-term promissory note each term for the balance due.

Emergency Student Loan

The Emergency Student Loan program at SCF was developed by The State College of Florida Foundation to serve enrolled students who have verified eligibility for financial aid and have a documented unexpected emergency. SCF is committed to providing financial planning strategies and guidance to students in need of fiscal assistance, any refund will first be credited to SCF students receive a 100 percent refund on all tuition and fees for classes dropped prior to or during the drop/add period for each term. If the student is receiving financial assistance, any refund will first be credited to the financial assistance programs from which assistance was disbursed.

SCF's tuition refund policy is separate from the federal requirement to return unearned aid when a student withdraws. Whether or not the student receives a tuition refund has no bearing on the amount the student may be required to repay under the Return of Title IV Funds formula.

Financial Aid Refund and Repayment Policy

Refunds and Repayments

CAUTION: If you are a financial aid recipient and are thinking about dropping your classes or withdrawing from the college, please consult a financial aid specialist.

SCF students receive a 100 percent refund on all tuition and fees for classes dropped prior to or during the drop/add period for each term. If the student is receiving financial assistance, any refund will first be credited to the financial assistance programs from which assistance was disbursed.

SCF’s tuition refund policy is separate from the federal requirement to return unearned aid when a student withdraws. Whether or not the student receives a tuition refund has no bearing on the amount the student may be required to repay under the Return of Title IV Funds formula.

No Show Policy

It is the student’s responsibility to attend classes. SCF’s No Show policy requires the faculty to take attendance during the first two weeks of classes and report any student who did not attend. Any student who does not attend at least one class during the first two weeks of the course will be reported as a No Show in that class. Students are not allowed to receive financial assistance for classes which they were reported as a No Show. The student’s financial assistance will be adjusted based on the enrollment status.

Official / Unofficial Withdrawals

Students who wish to withdraw must follow SCF’s official withdrawal process. Students who wish to withdraw completely from SCF are required to report to the financial aid office for exit interviews. If a student officially withdraws or stops attending all courses, the student may be required to repay all or part of the financial aid disbursed in that term.

Students receiving federal funds may be required to repay aid determined to be “unearned.” The earned/unearned calculation is based on the percentage of days the student attended during the term in which they withdrew. The amount of aid the student has earned is determined on a prorated basis. That is, if the student completed 30 percent of the term, the student earns 30 percent of the aid received. Once the student has completed 60 percent of the term, the student is considered to have earned all of his or her aid.

The difference between the earned federal aid and total aid received equals the amount of “unearned” federal funds. Unearned federal funds are subject to repayment. Federal regulations require Title IV aid to be refunded in the following order:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal PLUS Loan
4. Federal Pell Grant
5. Federal Academic Competitiveness Grant
6. Federal Supplemental Education Opportunity Grant

Instructors will determine if their students are actively participating in their class at the 61 percent point of the term. If a student’s active participation cannot be determined for a specific course, the student will automatically receive a grade of WF (withdrawn failing).

If the student does not receive a passing grade (which includes grades of “I”, “W”, “WF”, and “F” grades) at the end of the term, the return of Title IV (R2T4) funds calculation will be done after grades are posted for the term and it will be assumed the student unofficially withdrew at the 50 percent point of that term or based on the last day the student attended class as reported by the instructor. Confirmation of active participation at the 61 percent point will be verified before the R2T4 calculation is processed. The determination of withdrawal will be made within 30 days after the end of the term. The R2T4 calculation will be made within 30 days of the date of determination, and unearned funds that the school is required to return will be repaid no later than 45 days after the date of determination.
Any amount the student is required to return, SCF will repay to the applicable federal program on the student’s behalf and the student will be billed by SCF for any funds returned on his or her behalf.

SCF will notify the student when an R2T4 calculation is performed due to either an official or unofficial withdrawal and the student may be billed for any outstanding obligations by the student failing to earn Title IV funds, for which Federal funds were disbursed. Students are not eligible for further aid until all repayments have been made.

SCF will perform R2T4 calculations for students that withdraw after the 60 percent point to ensure there is no post-withdrawal disbursement.

Withdrawal from Standard Term-Based Programs Using Modules

Students who are enrolled entirely in only Express or first or second eight week modules meet the requirements of the U.S. Department of Education’s provisions for Withdrawals from Standard Term-Based Programs Using Modules. If a student completes one course, no R2T4 is required. If the student does not, R2T4 will be calculated.

Students who withdraw from the first module who provide SCF with a statement of their intent to enroll in the second module will not be placed into R2T4. If the student does not attend or does not complete at least one class with one module, the R2T4 will be calculated.

Financial Aid Standards of Satisfactory Academic Progress

Federal Regulations require that all students receiving Title IV financial aid (Pell Grants, FSEOG, ACG, Federal Work Study and Stafford Loans) maintain Satisfactory Academic Progress (SAP). SAP is reviewed every term (Fall, Spring and Summer).

A Satisfactory Academic Progress (SAP) policy consists of three requirements: Minimum cumulative grade point average (GPA), successful completion rate, and maximum time frame.

For complete policy, go to scf.edu/SAP.

Veterans’ Information

The College is approved by the Florida Department of Veterans Affairs. Veterans and eligible dependents of disabled or deceased veterans who plan to attend under any of the various training laws should contact (well in advance of registration) the financial aid services office on the Bradenton or Venice campus. Upon enrollment, veterans and veteran-dependents are required to pay all regular fees and charges. However, those veterans attending SCF, who are eligible to receive benefits, may be granted one 60-day deferment for the payment of fees per academic year (during Summer A, a one-time 30-day deferment is available). Veterans failing to pay all fees at the end of the 60- or 30-day period will be withdrawn from the College. Upon certification by the College and U.S. Department of Veterans Affairs, educational allowances for Chapters 1606, 1607, 30, 32 and 35 are paid monthly to the veterans for training time computed as follows:

<table>
<thead>
<tr>
<th>Spring Terms</th>
<th>Summer Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 + hours</td>
<td>Full-time</td>
</tr>
<tr>
<td>9-11 term hours</td>
<td>Three-fourths time</td>
</tr>
<tr>
<td>6-8 term hours</td>
<td>One-half time</td>
</tr>
<tr>
<td>&lt; 6 term hours</td>
<td>Tuition and fees only</td>
</tr>
</tbody>
</table>

The term hours referred to above are computed on the basis of credit hours.

In addition, upon certification by the College and the U.S. Department of Veterans Affairs, eligible veterans receiving VA educational benefits under Chapter 33 (Post-9/11 GI Bill) will: 1) have the applicable percentage (based on aggregate active duty service) of tuition and fees paid directly to the College; 2) be paid a monthly housing allowance* equivalent to the Basic Allowance for Housing (BAH) for an E-5 with dependents, determined by the zip code of the College, and is prorated based on the percentage of the maximum benefit payable; and 3) receive a book and supplies stipend of up to $1,000 for a maximum of 24 credit hours per academic year.*

* Active duty members, anyone training at a rate of pursuit at 50 percent or less, and those pursuing training solely by distance learning are not eligible for the monthly housing allowance or book stipend.

For those eligible veterans receiving educational benefits under Chapter 31, the VA pays the cost of tuition, fees, books, equipment, and up to a certain dollar amount for supplies. In addition, the veteran receives a monthly subsistence allowance. The monthly subsistence allowance paid to the veteran is lower than the monthly payments made to veterans under other VA educational benefits programs. This is due to the VA making a separate payment to assist the veteran in meeting the costs of school attendance, and because the veteran is receiving (or is entitled to receive) monthly disability compensation payments.

The College and the student are responsible for notifying the Veteran Affairs (VA) office of any change in status that affects the rate of benefits. The student is required to complete a withdrawal form at the College if he or she withdraws from class.

In addition, a veteran attending SCF is required to:
1. Attend all classes for which he or she is registered;
2. Enroll for classes only in his or her approved program; and
3. Show satisfactory academic progress toward completion of a degree.
Veterans' Deferments

Except for qualified veterans (see next paragraph), the College cannot, by Florida law, extend credit of any kind. No registration will be completed until all registration fees, incidental fees and tuition fees have been paid in full; nor may a student attend classes until these requirements are met.

All eligible veterans or qualified dependents pursuing an education within the meaning of Chapter 30, 32, 33, 34/30, 35, 1606 or 1607 of Title 38, United States Code, are entitled to one 30-day or 60-day deferment for the payment of tuition and fees only, books and supplies not included. The 30 days is only for the Summer term, in accordance with Florida Statute 240.345 for Postsecondary Education. To have a deferment processed, all veterans and qualified dependents must contact the College veteran representative in the financial aid services office at SCF Bradenton or SCF Venice for guidance.

To qualify, a student must have enrolled in classes for the upcoming term and a veteran under chapter 30, 32, 33 or 34/30 must have supplied a readable copy of his or her DD-214 and a fully completed 22-1990 Application for Veterans Educational Benefits. For selected reserve chapter 1606 personnel, he or she must have supplied the same 22-1990 as well as a fully completed DD-2384 Notice of Basic Eligibility. For those under the chapter 35, qualified dependents must have submitted the 22-5490 Application for Survivors’ and Dependents’ Educational Assistance and supporting documents. All of the above must be submitted prior to the granting of any deferment. Sometimes unforeseen circumstances arise and students are not able to meet the payment due date; setting aside the amount needed to pay off the deferment is most important. Students will be administratively withdrawn from classes for failure to pay their deferment on the specified date. The withdrawn student still will owe the College the amount of the deferment and will owe the VA for any benefits received during the deferment period.

Please note: Any classes from which a student withdraws after the end of drop/add period must still be paid for even if dropped prior to paying for the deferment.

Veterans who fail to pay fees after the 60-day deferment period will be treated as any other student failing to pay fees by a stated deadline.

Standards of Progress for Veterans/Dependents for Credit Classes

To continue to be eligible for VA benefits, a student must make satisfactory progress toward his or her educational goals. The satisfactory progress system at SCF is a positive program for assisting students who, due to unsatisfactory academic performance, may experience difficulty in achieving an educational objective at the college level.

Standards for satisfactory progress shall be:

1. A veteran/dependent student must complete at least 50 percent of hours attempted per term with a passing grade. Hours are based on enrollment at the end of the registration period.

2. Cumulative grade point average (GPA) per term must be:
   Hours attempted: 0-30 31-44 45 & over GPA: 1.5 1.75 2.0

3. A student veteran/dependent who fails to meet or maintain the above standards will be placed on probation for the following term, but will retain VA benefits. During the next term of attendance, the student must meet and maintain the above standards of progress to maintain eligibility for VA benefits. At the discretion of the College, the veteran/dependent may be granted a second consecutive term of probation. In addition, if poor performance is caused by mitigating circumstances, a letter and, if possible, documentation, explaining and supporting the mitigating circumstance, must be submitted for review and possible removal from probationary or suspension status.

4. Students placed on academic suspension or dismissal, even though reinstated to the College, may have their VA benefits adversely affected. Students who are academically suspended from another college or university and who transfer to SCF must make satisfactory progress during their first term at SCF before VA benefits may be restored.

5. A student may re-establish eligibility for VA benefits in accordance with regulations promulgated by the U. S. Department of Veterans Affairs. For additional information, contact the College veteran representative in the financial aid services office.

Standards of Satisfactory Academic Progress for Veterans for Adult Education Program

Veteran students are required to attend all classes. Excused absences will be granted only for extenuating circumstances substantiated by entries in the student’s files. Educational benefits of VA students who accumulate three (3) days of unexcused absences in any term will be terminated for unsatisfactory attendance. The veteran student may petition the College to be recertified for VA educational benefits for the term following termination. The College may recertify the student only if it determines that the student’s attendance-related problems have been resolved.

If, at the end of a term, a veteran student’s progress is deemed to be unsatisfactory, the student is placed on probation for the next term. If the student’s progress remains unsatisfactory at the end of the following term, the student will be terminated from the veteran program.

Military Activations

Military veterans, reservists and members of the National Guard who are attending SCF may receive
orders for active duty. In such cases, the College must receive a copy of the student’s activation orders issued from the military in order to proceed with the dropping of courses for the term of activation. This copy must be submitted to the financial aid services office at SCF Bradenton or SCF Venice for processing the registration. Copies of the forms may be submitted via fax: 941-727-6179, by mail or hand-delivered to the financial aid services office.

The process will initiate a drop on behalf of the student from classes for the term of activation. A refund of tuition and fees will be sent via the option chosen by the student when activating his/her OneCard account or to the scholarship fund that paid for the tuition and fees. For book refunds, a copy of the student’s activation orders must be submitted to the bookstore. Book receipts and a copy of the student’s schedule are helpful but not required. Questions may be directed to the financial aid services office.

**Policies and Procedures for Educational Records**

**Credit Definitions**

**Credit Hour**
One credit hour represents one hour (50 minutes) of class for 16 weeks (inclusive of final examinations), four hours per week for 12 weeks, or eight hours per week for six weeks. Most courses carry three credits and meet for three hours per week for 16 weeks.

**Degree Credits/Degree Term Credits**
Credits carried by courses that can be used to meet degree requirements and that count toward the grade point average (GPA), in contrast to college preparatory credits.

**College Preparatory Credits**
Credits carried by college preparatory courses that serve to prepare students for degree credit courses. When dictated by placement test scores, students must earn appropriate college preparatory credits before advancing to degree credits. College preparatory credits cannot be used to meet degree requirements and do not count toward the GPA. College preparatory credits do contribute to student-time status (part time, full time), and are covered by most forms of financial aid, except the Bright Futures scholarships. Part-time degree-seeking students may complete 12 degree credits before college preparatory courses become mandatory.

**Institutional Credits**
Credits carried by Educator Preparation Institute (EPI) subject classes. Institutional credits cannot be used to meet degree requirements and do not count toward the GPA. These credits are applicable only toward the alternative teacher certification program.

**Load Hours**
Total number of credits a student is enrolled in for a given term.

**Freshman**
A student who has earned fewer than 30 degree term credits (excluding college preparatory credits) and/or fewer than 60 grade points.

**Sophomore**
A student who has earned 30 or more degree term credits (excluding college preparatory credits) and at least 60 grade points.

**Full Time**
A student who is registered for 12 or more credits — including degree credits and college preparatory credits — for a Fall, Spring or Summer term.

**Part Time**
A student who is registered for 11 or fewer credits — including degree credits and college preparatory credits — for a Fall, Spring or Summer term.

**Minimum Load**
The minimum load to be enrolled as a student is one credit hour — degree credit or college preparatory credit — for a term. Financial aid minimum loads and veterans’ benefits minimum loads are described in the Student Financial Aid section of the Catalog.

**Maximum Load**
A maximum class load is 18 term credit hours (degree and college preparatory credits) per Fall, Spring or Summer term (with the exception of certain programs requiring a heavier load).

**Overload**
A petition for an overload above the 18 credit hours each term is required. Petitions must be acquired from and approved by student development advisors. Students are limited to 21 total credit hours for a single term. Appeals to this policy can be directed to the vice president of educational and student services (or designee).

**GRADING SYSTEM**

**Grading of Courses That Carry Degree Credit**

Each faculty member will explain the grading system employed in each course. Each student is asked to be responsible for obtaining a clear understanding of this process.

**Grades**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points (QP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4 QP per term hour</td>
</tr>
<tr>
<td>B</td>
<td>3 QP per term hour</td>
</tr>
<tr>
<td>C</td>
<td>2 QP per term hour</td>
</tr>
<tr>
<td>D</td>
<td>1 QP per term hour</td>
</tr>
</tbody>
</table>
that time, the instructor and the student will agree upon
tests missed.

must provide the instructor(s) with advance notification
a reasonable time and method to make up any work or
of the purpose and anticipated length of any absence. At
regard to admissions, class attendance and the schedul-
ing from the instructor.

these requirements may vary from course to course, and
each course are stated in the respective course syllabus.

affects the grade a student achieves in a course.
reduces the opportunity for learning and often adversely

Three GPAs are computed on each student:
1. Term Average — GPA on work attempted during
any given term
2. Institutional Average — cumulative GPA on all
work attempted while in attendance at SCF
3. Overall Average — cumulative GPA on all work
attempted since entering college, including work
from all previously attended institutions

Class Attendance and Grading

State College of Florida, Manatee-Sarasota (SCF)
students will be graded on academic achievement.
Punctual and regular class attendance is expected of all
students. Any class session missed, regardless of cause,
reduces the opportunity for learning and often adversely
affects the grade a student achieves in a course.

Specific attendance and grading requirements for
each course are stated in the respective course syllabus.
These requirements may vary from course to course, and
it is the student’s responsibility to seek any needed clar-
ification from the instructor.

Pursuant to F.S. 1002.21; 1006.53; 1001.64, SCF
shall attempt to reasonably accommodate the religious
observance, practice and belief of individual students in
regard to admissions, class attendance and the schedul-
ing of examinations and work assignments. Students
must provide the instructor(s) with advance notification
of the purpose and anticipated length of any absence. At
that time, the instructor and the student will agree upon
a reasonable time and method to make up any work or
tests missed.

Dean’s List and President’s List

The Dean’s List and the President’s List are honors
that may be earned each term. Students who complete
six or more degree credits in a term (excluding college
preparatory credits) with a GPA of 3.5 or above are
named to the Dean’s List, and students who complete 12
or more degree credits in a term (excluding college
preparatory credits) and achieve a term GPA of 3.8 or
above are named to the President’s List. Both honors are
denoted on the student’s transcript for the term.

Grading of College Preparatory Courses

Remedial courses that carry college preparatory
credit do not meet degree requirements and the grades
are not calculated into students’ GPAs. These credits do
count toward a student’s time status (full time, part time,
etc.) and are billed at the same rate as degree credits.
Each faculty member will explain the grading system for
each course. College preparatory grades (indicated by a
period following the letter grade) of “A,” “B” and “C,”
signify successful completion and allow students to
advance to the next course. Grades of “F,” “W” and
“WF” signify that successful completion was not
achieved, and the course needs to be repeated.

Grading of Institutional Credit Courses
(Educator Preparation Institute (EPI) subject classes)

Institutional credit (EPI) courses do not meet degree
requirements and grades are not calculated in the GPA.
A grade of “C:” signifies successful completion of a
course and students are allowed to advance to the next
sequential course. Grades of “D,” “F,” “W” and “WF:”
signify that successful completion was not achieved and
the course needs to be repeated.

Incompletes

At the instructor’s discretion, a grade of “I”
(Incomplete) may be given due to unforeseen or extenuat-
ing circumstances such as a death in the family, serious ill-
ness, etc. The student must clearly document the circum-
stances and show that he or she has satisfactorily complet-
ed a significant portion of the course requirements and
has a reasonable chance of making a passing grade.

It is the student’s responsibility to make the neces-
sary arrangements with an instructor for removal of an
“I.” If the instructor is not available, arrangements must
be made with the dean or department chairperson.

If, within six weeks from the first day of classes
during the next term (exclusive of Summer session), the
instructor has not informed the educational records office
of a grade change, the “I” will be changed to an “F” on
the student’s permanent record.

“W” Grade

A grade of “W” (withdrawn) is not calculated into
the GPA, but the course does count as an attempt for fee
assessment. “W” grades are recorded only for the first
two attempts of a course when the course withdrawal is
completed before the withdrawal deadline. The stated
withdrawal policy is described in the withdrawal policies
section of the Catalog.
“WF” Grade

A grade of “WF” is calculated into the GPA as an “F” grade and the course also counts as an attempt for fee assessment. “WF” is recorded for a withdrawal after the withdrawal deadline for the first two course attempts, and “WF” is recorded for a third-attempt course withdrawal regardless of withdrawal date.

Time Limit for Grade Change

Requests for corrections of course records are to be made within one calendar year of when the grade was assigned to the course. It is the responsibility of the student to bring any errors to the attention of the faculty member as soon as the errors are detected within this one-year period.

Accessing Grades Online

SCF does not send grades in the mail to students. Students who have no holds on their records may view their grades online beginning on the grade posting date published in the academic calendar, in the Catalog and on the SCF website.

These steps may be followed to view grades and unofficial transcripts:
1. Go to the SCF website at scf.edu
2. Click SCFconnect
3. Enter user ID and six-digit PIN; click login
4. Select Student tab
5. Go to Student Grades channel

Audit Policy

A student may change from credit to audit status in any course before the posted deadline or the end of the add/drop period for short-term late start courses. The student initiates this option by completing the Student Request to Change Course to Audit/Credit form available in the educational records office. Class tests or examinations are not required of the student auditing the course. However, class attendance is expected. Students must meet the same prerequisite requirements as degree-seeking students for specific courses. Students will receive a grade of “X” for any courses they audit. Audit courses will not affect the grade point average, academic standing or previously earned credits.

Courses taken on an audit basis may not be counted when calculating eligibility for veterans benefits, financial assistance or certification of enrollment by outside agencies. Audited courses do not count in the total attempts for grade forgiveness but do count as an attempt of a course.

No student may audit more than six hours of credit courses in a term except by special permission of the vice president of educational and student services (or designee). Fees for audit courses are the same as courses for credit.

Grade Forgiveness (Repeat) Policy

A student may repeat a course, up to a maximum of two repeats per course (for courses that count toward the GPA), in which the student earned a grade of “D” or “F,” provided a degree has not yet been awarded or as otherwise noted in the course description. Courses with earned grades of “A,” “A,” “A:,” “B,” “B,” “B:,” “C,” “C:” or “C:” cannot be repeated. The GPA will be adjusted so that only the last attempt at the repeated course will be included in the overall calculation. The original grade will be marked with an “E” (excluded in the GPA) to indicate that the course was repeated, an “I” (included in the GPA) or an “A” (course calculated in GPA but no earned credits) on the student’s transcript. All grades will remain on the student’s official transcript. If a student withdraws from a third-attempt course and receives a “WF” grade, this will be considered the final grade and will be included in the overall GPA.

If a student transfers to another institution, public or private, it is the responsibility of the student to learn what the receiving institution’s policy is regarding acceptance of “forgiven” courses in the computation of the student’s grade point average.

Third Attempt

The Florida Legislature passed House Bill 1545, effective July 1, 1997, and amended effective July 1, 1999. This bill requires that students enrolled in the same undergraduate college credit course or college preparatory course more than two times shall pay fees at 100 percent of the full cost of instruction. (For purposes of this assessment, the Florida Legislature considers 100 percent of the full cost of instruction to be equal to the non-Florida resident fee, which is not subsidized by state monies.)

In order to administer this requirement, colleges in Florida began “counting” student attempts beginning with the Fall 1997 term, regardless of the number of previous attempts.

Students with documented extenuating circumstances or financial hardship may initiate a third fee appeal process through an advisor located in one of the campus advising center offices.

Note: Upon the third attempt of a credit course, a withdrawal will be recorded as a “WF” and calculated as an “F” in the student’s GPA.

Fourth Attempt

Students may attempt a course only three times (including original grades, repeat grades, audits and withdrawals) unless noted differently in the course description. Students with extenuating circumstances may petition for a fourth attempt through an advisor located in one of the campus advising center offices. All grades from the third attempt and any subsequent attempts will be included when the student’s GPA is calculated.
WITHDRAWAL POLICIES

A withdrawal is a change in a student’s course schedule where one or more courses are withdrawn prior to the end of the term. Withdrawn courses appear on the transcript as a “W” or “WF” and are classified as attempts. No refunds are permitted for withdrawn courses.

Withdrawal from a Course or Complete Withdrawal from the College (no refund)

A student may withdraw from any or all courses without the academic penalty of a “WF” grade by the withdrawal deadline as listed in the State College of Florida, Manatee-Sarasota (SCF) academic calendar, Catalog or on the SCF website. A student in an accelerated or short-term course may withdraw without the academic penalty of a “WF” grade anytime before the withdrawal deadline specific for the course. When a “WF” is entered, it is recorded in the student’s permanent record and calculated as an “F” in the grade point average. SCF encourages the student to discuss a withdrawal with the instructor prior to withdrawing. A student who withdraws from any or all courses can withdraw online. Students should consult with the financial aid office prior to any course withdrawal.

Course withdrawals, after the deadline for the term as published in the academic calendar, will result in a grade of “WF” which is computed in the term and cumulative GPA. Appeal requests, accompanied by major extenuating and documented circumstances, should be directed to the campus provost of the campus where the course is taught. The provost has the final approval/disapproval authority. If the appeal is granted, the “WF” grade would be changed to a “W” without GPA consequences. Forms can be obtained from the respective campus provost offices.

Effective Fall 1997, the state mandates a student will be permitted a maximum of three attempts per course. An “attempt” is defined as registration in a class after the end of the registration period.

A student must take responsibility for initiating the withdrawal procedure. If this procedure is not followed, a grade of “WF” may be recorded for the student and “F” calculated in the grade point average.

If a “WF” is entered, it will be recorded on the permanent record and calculated as “F” in the grade point average.

All withdrawal policy statements apply to part-time as well as full-time degree credit and college preparatory credit students.

Faculty Withdrawal

Before the course withdrawal deadline (60 percent of the term) and until two weeks prior to the end of the term, a faculty member may withdraw a student when the student has stopped attending class and has not formally withdrawn from the course by the withdrawal deadline. A faculty member can withdraw a student for excessive absences, excessive tardiness, academic misconduct or another similar reason, as noted in the faculty members respective syllabi. Depending on the date of the withdrawal, a grade of “W” or “WF” will be recorded. Either grade is recorded on the student’s permanent academic record. Fees are applied for all courses accordingly and are counted as attempted courses. “WF” grades are calculated as an “F” in the grade point average.

Faculty No Show Reports

Following the last day to add/drop courses for the term, faculty are required to report any student who has not attended one class within the first week of the term and/or has not contacted the professor/instructor to make arrangements to attend class or to make up missed work/assignments (also termed as a “no show” student). A grade of “W” is recorded for “no shows” on the student’s permanent academic record, the course is counted as an attempt and fees are applied for all courses accordingly.

Return of Federal Financial Aid Upon Withdrawal from the College

Effective with the Fall 2000 term, students who receive federal financial aid funds and who withdraw from all classes may be required to return all or a portion of these funds to the federal government. Students should consult with the financial aid office before completely withdrawing from the College.

ACADEMIC STANDING

State College of Florida, Manatee-Sarasota acknowledges five academic classification categories that apply to all students: Good Standing, Academic Warning, Probation, Academic Suspension and Academic Dismissal.

Good Standing

A student is considered in good standing when the term and cumulative grade point averages (GPAs) are 2.0 or above, or in initial good standing during the first term after transfer from another college or university, regardless of the transfer GPA.

Academic Warning

A student is considered on academic warning when either the term GPA or the institutional GPA or the overall GPA is below 2.0. The records are coded to reflect this status. The student is notified at the end of the term.

A student on academic warning is encouraged to seek assistance from an advisor early in the term to plan a course of action that would result in good standing. When the student’s term and cumulative GPAs reach 2.0, the warning status is removed. If a student’s GPAs
remain below a 2.0, the student is placed on probation and notified at the end of the term.

Probation
A student is considered on probation when the student has:

a) A term GPA or an institutional GPA or an overall GPA that is below 2.0; and

b) Received an academic warning classification and has not returned to good standing.

A student is informed of the probation classification at the end of the term and a code will be placed on the student’s record. It is strongly recommended that the student see an advisor to initiate a contractual intervention strategy that would assist the student in meeting individualized educational goals. Such strategies may include but are not limited to:

a) Repeating all courses where the final grade of “D” or “F” has been earned, and all college preparatory courses that must also be taken; and/or

b) Enrolling in fewer courses in a given term; and/or

c) Limiting participation in nonacademic activities.

Probation status will be lifted when:

a) The student has attained good standing.

b) If while on probation, the student fails to earn a 2.0 term GPA, the student’s status will be changed to academic suspension. OR: If while on probation, the student fails to earn a 2.0 term GPA and either the institutional GPA or the overall GPA is below 2.0, the student’s status will be changed to academic suspension.

c) If the student earns a 2.0 term GPA and the institutional GPA and/or the overall GPA remain below 2.0, the student will continue on academic probation for an additional term. Should the student fail to earn a 2.0 term GPA, a 2.0 institutional GPA and a 2.0 overall GPA the following term, the student’s status will be changed to academic suspension.

Academic Suspension
A student is considered on academic suspension when the probation status has not improved to a good standing classification.

Each student is notified at the end of the term and a code is placed on the student’s record. The student is not permitted to enroll for one term (Fall, Spring, Summer).

Once a student is placed on a status of academic suspension for the first time, they can be immediately reinstated upon agreement to enroll in a contractual intervention strategy established by a student development advisor. Any student who is suspended two or more times must submit a detailed letter in writing to the SCF admissions committee explaining the circumstances and to request readmission to the College. A letter stating the final decision of the committee will be mailed to the student and a copy will be placed in the student’s file.

A student must earn an institutional and overall 2.0 GPA to avoid academic dismissal.

Academic Dismissal
A student who has not earned an institutional and an overall 2.0 term GPA following an academic suspension will be academically dismissed and will be unable to attend SCF for one year. Each student is notified at the end of the term and a code will be placed on the student’s record.

A student who is placed on a status of academic dismissal for the first time can be reinstated immediately upon agreement to enroll in a contractual intervention strategy established by a student development advisor. Any student who is dismissed two or more times must submit a detailed letter in writing to the SCF admissions committee explaining the circumstances and to request readmission to the College. A letter stating the final decision of the committee will be mailed to the student and a copy will be placed in the student’s file.

Appeals
A student may appeal the academic classification by submitting to a student development advisor a letter of appeal no later than the first day of class for a full term (Spring, Summer, Fall) after receiving the notification of the classification. The appeal would then be forwarded to the admissions committee for decision. The admissions committee’s decision is final.

The letter must include clearly stated and documented examples of extenuating circumstances that prevented satisfactory progress. Examples of acceptable documentation include medical or legal statements and/or documents that verify the student’s appeal request.

A letter stating the decision of the committee will be mailed to the student and a copy will be placed in the student’s file.

ACADEMIC RECORD CHANGES/REQUESTS
Name Changes
A signature and request from the student are required to change a student’s name on his or her permanent academic record. The Change of Name/Address form is available in the educational records office. Official name changes require submission of an official copy of a court-issued document verifying the legal name change.

Address Changes
Students can verify and update online the mailing address that appears on their educational record by logging on to scf.edu/SCFconnect, Student tab, Banner Self-
Service channel. Select Banner Self-Service, Personal Information, Address(es) and Phone(s).

International students on an F-1 student status must take special note to inform the College as soon as possible as failure to notify SCF could result in termination of a student's status.

Emergency Contact Changes

Students can verify and update emergency contact information by logging on to scf.edu/SCFconnect. Go to Student tab, Banner Self-Service channel. Select Banner Self-Service, Personal Information, Emergency Contact(s).

The accuracy of this information is crucial in the event of an urgent situation involving a student.

Program/Major Changes

Upon admission, each student selects a desired degree status while attending SCF. If a student desires a change at any time, a Change of Status form will be required to update an academic major/program or degree status. The form is available in the educational records office and must be signed by the student before the change will be made to the student's official academic record.

Students are strongly encouraged to select a major/program and degree status early in their enrollment with the College. International students and students who receive financial aid must be classified as degree-seeking for various reporting requirements. Students should consult with a student development advisor before making a final decision.

Transcript Requests

Official transcript requests can be made online at scf.edu/Transcripts or by completing a paper form available in the educational records office. Online requests can often be processed faster provided all information can be verified electronically. Paper requests can be sent via mail, in person or by fax if the information is complete and a signature of the student is included on the request. E-mail requests for transcripts cannot be processed.

A transcript fee (see Cost and Fee Information) is required at the time of the request and can be paid by cash, check or credit card. If paying the fee by credit card, a billing address and credit card expiration date must be included. Students must be in good standing with the College (including all financial obligations) before the transcript request will be processed.

Official transcripts are sent by SCF through the U.S. Postal Service or electronically to Florida state schools and third parties as requested. Unofficial transcripts can be obtained from the Florida Academic Counseling and Tracking for Students (FACTS) website at: wwwFACTS.org or by logging on to scf.edu/SCFconnect.

Transcripts that are mailed from SCF directly to designated individuals or organizations by request of the student and do not arrive after three weeks from the original mailing date will be resent one time free of charge to the same address provided by the requester without filing an additional written request.

Unofficial transcripts may be obtained by the student by logging on to scf.edu/SCFconnect.

Degree/Enrollment Verifications

Verification letters are designed to verify a student's registration or degree status based on full-time, half-time or less than half-time status for a given term of enrollment or graduation date. Students who need a verification of degree or enrollment can complete a request on the SCF website at scf.edu. Log in to SCFconnect, go to Student tab and Banner Self-Service channel. Select Banner Self-Service, Student Main Menu, Student Records tab, then order enrollment verification or degree verification. Enrollment verifications can be completed for current or previous terms only and are free for current students. Verification for subsequent terms cannot be made until the end of the add/drop period for that term. Verifications also can be processed by submitting a Request for Verification Letter via fax or in person at the educational records office. Verifications require two working days for processing unless they are processed online and all information can be verified electronically.

COLLEGE LEVEL ACADEMIC SKILLS (CLAS) GRADUATE EXIT EXAM

State College of Florida, Manatee-Sarasota (SCF) students who need to meet the new CLAS graduate exit exam requirements have the following options. Students may:

1. Achieve a score that meets or exceeds a minimum score on a nationally standardized examination as listed below:

   **Skill Area**

   **Reading**

   **Required Score on Examination**

   • 500 or above on the SAT Critical Reading portion taken after February 2005
   • 500 or above on the Verbal section of the recentered SAT I taken prior to March 2005
   • 421 or above (non-recentered score) on the Verbal section of the SAT I taken prior to March 2005
   • 22 or above on the ACT Reading section
   • 20 or above on the Composite of the ACT taken prior to October 1989
   • 93 or above on the ACCUPLACER Reading Comprehension Examination

   **Skill Area**

   **English Language and Essay**

   **Required Score on Examination**

   • 500 or above on the SAT Writing portion taken after February 2005
500 or above on the Verbal section of the recentered SAT I taken prior to March 2005
421 or above (non-recentered score) on the Verbal section of the SAT I taken prior to March 2005
21 or above on the ACT English section
21 or above on the ACT program in English/ Writing (English with Essay component)
20 or above on the Composite of the ACT taken prior to October 1989
105 or above on the ACCUPLACER Sentence Skills Examination

Skill Area
Computation

Required Score on Examination
500 or above on the SAT Mathematics portion taken after February 2005
500 or above on the Mathematics section of the recentered SAT I taken prior to March 2005
473 or above (non-recentered score) on the Mathematics section of the SAT I taken prior to March 2005
21 or above on the ACT Mathematics section
21 or above on the ACT taken prior to October 1989
91 or above on the ACCUPLACER Elementary Algebra Examination

2. Achieve a grade point average of 2.5 or above on a 4.0 grade scale in selected postsecondary level courses at Florida public institutions and non-public institutions on the Statewide Course Numbering System, pursuant to Section 1007.24(7), F.S., as specified below. Each postsecondary institution shall establish its own policies for the evaluation of students’ coursework when that student earned credits that are not part of the Statewide Course Numbering System.

a) To meet the College Level Academic Skills requirements in communication (reading and English), a student must earn a 2.5 grade point average in a combination of at least one (1) course with the ENC prefix and any other course, exclusive of those with the SPC prefix, that is designated as a Gordon Rule writing course pursuant to the requirements of paragraph 6A-10.030(2)(a), F.A.C. Course prefixes are assigned in accordance with Section 1007.24, F.S.

b) To meet the College Level Academic Skills requirements in computation, a student must earn a 2.5 grade point average in any combination of two (2) courses from the list below:
1. Any MAC course with the last three (3) digits of 102 or higher;
2. MGFX106 – Liberal Arts Mathematics I;
3. MGFX107 – Liberal Arts Mathematics II;
4. MGFX113 – Topics in College Mathematics I;
5. MGFX114 – Topics in College Mathematics II;
6. MGFX118 – Mathematics for CLAST Review;
7. Any MGF course with last three (3) digits of 202 or higher;
8. Any Gordon Rule statistics course;
9. Any mathematics course that has College Algebra (MACX105 as a prerequisite).

c) Credits granted in accordance with the Articulation Coordinating Committee (ACC) Credit-By-Examination Equivalency List (including AP, IB, AICE, CLEP, DSST, and Excelsior) may be substituted for the courses listed above.

If a student earns credit by examination for two (2) college courses listed in both Paragraphs, 2. a) and 2. b), of this rule, the requirement will be considered to be met. If a student earns credit by examination for one (1) course within either paragraph, 2. a) or 2. b), of this rule, no grade will be assigned for that course. The 2.5 grade point calculation will be based solely on grades earned in courses completed at an institution.

EXCESS HOURS ADVISORY STATEMENT
Section 1009.286, Florida Statutes, establishes an “excess hour” surcharge for a student seeking a baccalaureate degree at a state university. It is critical that students, including those entering Florida colleges, are aware of the potential for additional course fees.

“Excess hours” are defined as hours that go beyond 115 percent of the hours required for a baccalaureate degree program. For example, if the length of the program is 120 credit hours, the student may be subject to an excess hour surcharge for any credits attempted beyond 138 credit hours (120 x 115 percent).

All students whose educational plan may include earning a bachelor’s degree should make every effort to enroll in and successfully complete those courses that are required for their intended major on their first attempt. Florida college students intending to transfer to a state university should identify a major or “transfer program” early and be advised of admission requirements for that program, including the approved common prerequisites. Course withdrawals and/or repeats, as well as enrollment in courses non-essential to the intended major, may contribute to a potential excess hours surcharge.

GRADUATION REQUIREMENTS AND PROCEDURES

Students have the option of graduating under the Catalog in effect at the time they enter State College of Florida, Manatee-Sarasota (SCF) or the Catalog in effect at the time they complete requirements for a degree, provided they maintain continuous enrollment of at least one credit per academic year. If continuous enrollment is broken, they must graduate under the Catalog in effect when they reregister or the Catalog in effect at the time they complete requirements for a degree.
The steps in the graduation process apply to ALL degree programs:

1. Students must apply for graduation in the educational records office by submitting an application for graduation form. The deadline is posted in the academic calendar. The application form must be completed and signed by the student. Applications will not be accepted without payment of the graduation fee. (See Cost and Fee Information.)

2. An overall and a cumulative grade point average of 2.0 ("C") must be achieved in the student’s total credit program. The overall grade point average includes work attempted at previously attended institutions.

3. At least 25 percent of the hours of course credit required for the degree/certificate must be completed at SCF.

4. All candidates eligible for the Associate in Applied Science, Associate in Science, Associate in Arts and all baccalaureate degrees are urged to be present at graduation.

5. Students are reminded that, regardless of their receipt of the Associate in Arts degree, a “D” used to satisfy their degree requirements might not transfer, subject to the regulations of the college or university that they plan to enter.

6. All students expecting to graduate from SCF with an Associate in Arts degree or with an Associate in Science degree, and intending to complete a bachelor’s at a university, must meet the CLAS graduate exit exam requirements.

7. All associate in arts students enrolled in any Florida college for the first time after Jan. 1, 1983, are required to complete four to six communications courses, wherein 24,000 words total are written with a grade of “C” or better, and are required to complete a minimum of six term hours of mathematics with a grade of “C” or better in each course. (State Board of Education Rule 6A-10.030.) This requirement is detailed in the section, “Gordon Rule Requirements.”

8. The educational records office will review the student’s course requirements and notify the student in writing of the status of degree completion requirements.

9. Following completion of all graduation requirements, the diploma and official transcript will be mailed to the student.

**Commencement Ceremonies**

The College holds commencement ceremonies in May and December for graduating students. Students who complete their requirements for graduation during the Summer term will officially graduate and the degree or certificate will be awarded during the summer. There will be no negative impact on a student’s ability to transfer with a degree. All students who complete degree requirements during the summer are invited to participate in the December commencement ceremony.

All students who have received notification and approval from the educational records office to graduate and wish to participate in the commencement ceremony are required to register online at scf.edu/Graduation. Graduating students participating in the ceremony also are required to attend an informational meeting. Dates for the meetings are announced each Fall and Spring term. All guests of graduates attending commencement must have a ticket for entrance into the auditorium. Guest tickets must be reserved online at scf.edu/Graduation and are given to the graduates at the informational meetings.

**Graduation Honors**

Each student graduating from SCF will, if achievement warrants, be recognized in the graduation program and ceremony based on current GPA and have final honors posted on the permanent record according to the following schedule.

1. Overall grade point average 3.90 to 4.00 = summa cum laude.
2. Overall grade point average 3.70 to 3.89 = magna cum laude.
3. Overall grade point average 3.50 to 3.69 = cum laude.

For students who have attended only SCF, the cumulative grade point average is used. For the transfer student, the overall grade point average is used to determine honors at graduation.

**HONORS CONVOCATION**

The primary purpose of the State College of Florida, Manatee-Sarasota (SCF) Honors Convocation is to recognize undergraduate students for their exceptional academic initiatives and achievements during the previous academic year. Honors Convocation is held annually at SCF Bradenton and SCF Venice one week prior to Spring term graduation exercises. Honorees are encouraged to bring guests to the program. Students may obtain information about this program in the academic advising center at SCF Bradenton or SCF Venice.
Academic Advisement

Academic advisement is an essential key to the success of each student. Therefore, academic, career, educational, personal and social advising services are provided by student development advisors at SCF Bradenton and SCF Venice.

Student development advisors provide developmental advising, including life, career and education planning, interpretation of assessments, strategies to address academic difficulties, programs to develop student success skills, and preparation for university transfer and work-force preparedness.

The purpose of academic advising at State College of Florida, Manatee-Sarasota (SCF) is to direct students toward exploring and achieving their educational, career and life goals. To accomplish this mission, student development advisors assist students in exploring career interests, values and goals to ensure meaningful course selection and educational program planning. SCF is committed fully to the belief that a fundamental component to successful academic advisement is an ongoing advisor-advisee relationship where students participate actively in the decision-making process and advisors serve as facilitators.

Advisement for the Associate in Arts (A.A.) Degree

The College recommends that students planning to obtain an associate in arts degree meet with a student development advisor each term to ensure proper course selection.

Students planning to transfer to another college or university should check with the transfer institution to determine specific admissions/degree requirements as they prepare for a particular major. It is important that students who plan to transfer make plans early to ensure a smooth transition into the university program. Student development advisors are available to meet with students Monday through Friday throughout the Fall and Spring terms. Summer and evening hours may vary.

Advisement for the Associate in Science (A.S.) Degree, Associate in Applied Science (A.A.S.) Degree and Certificates

For students pursuing the Associate in Science (A.S.) degree, Associate in Applied Science (A.A.S.) degree and certificate academic programs at SCF, academic advisement is coordinated by the office of career and technical education. Program managers guide students through course selection and work in coordination with the SCF career resource center in providing information and services on career exploration.

Advisement for Baccalaureate Degrees

For students pursuing baccalaureate degrees at SCF, academic advisement is coordinated in conjunction with baccalaureate faculty and individual program directors. Students should check the SCF baccalaureate program website, scf.edu/Bachelors for latest information concerning individual programs.

Advising for Student Success

Student success advising is provided by student development advisors who offer students comprehensive academic, career, educational and personal/social advising to facilitate the fulfillment of students’ academic and personal goals. In collaboration with academic affairs, student development advisors specialize in planning and implementing learning support services for student cohorts to enhance both the learning and success of the designated groups.

Advisors provide:

• Career advising. Student development advisors can help students examine career and life goals, assess interests, values and skills, make occupational decisions and select educational programs and majors. Career planning and placement advising is available through classes, workshops and individual appointments.

• Transfer advising. Advisors provide students with resources to assist them in making a successful transition from SCF to other higher education institutions. It is never too early to begin the process of making strategic decisions about transfer options.

• Crisis intervention. Student development advisors are available to assist with referrals to the student assistant program, community resources and professionals.

• Personal/social concerns. Students are provided with the opportunity to explore resources to assist them in developing decision-making strategies and goal-setting skills for personal growth.

Online resources include:

• ULifeLine
  Online support for college and university life and emotional health
  ulifeline.com

• United Way 2-1-1 Manasota
  Comprehensive directory and connections to human services in Manatee, Sarasota and DeSoto counties
  uw211manasota.net or call 2-1-1
Transfer Advisement Guidelines

Keys to Successful Transfer

Students are advised to:

- Meet with an SCF student development advisor periodically to discuss educational and career goals.
- Utilize FACTS.org, the state of Florida’s online advising system, which includes planning outlines for each major as well as information on admission, financial aid, scholarships and special programs.
- Check foreign language requirement(s) of the intended transfer institution. Some institutions have special requirements regarding course selection, admission and program entrance.
- Submit an application for transfer admission as early as possible. Many colleges and universities suggest applying at least one year in advance. Submit official copies of all transcripts (high school and college) along with the admissions application. Check with the transfer institution on priority admission application deadlines.
- Visit the campus of the intended transfer institution. Check into housing, food, parking options.
- Pass the exit exam, achieve a minimum score on a national standardized exam or demonstrate successful remediation and achieve a minimum cumulative GPA of 2.5.
- Apply for graduation from SCF by the posted deadline. Applications for graduation can be obtained in the educational records office.

University Advising Center

The university advising center provides SCF students, who are interested in pursuing baccalaureate degree programs at other colleges or universities, with detailed program information. One-on-one advising sessions help SCF students gather important transfer information as they prepare for the next step of their education plan. Hours of operation may vary by term and location.

ASSESSMENT/TESTING CENTERS

The assessment/testing centers at State College of Florida, Manatee-Sarasota (SCF) are open test sites. Based on agreements with other institutions, the College will test distance learning students and CLEP online candidates on a space-available basis only. (See Cost and Fee Information.)

Assessment and testing is an important phase of the enrollment process. Assessment/test results are treated as confidential information and are used in the best interests of the student.

Academic advising centers at SCF Bradenton and SCF Venice are staffed with professionals who interpret test scores in individual conference with the students.

Entry Level Assessment

SCF wants each student to be successful in achieving his or her educational goals. To evaluate the level of preparation and to place students in appropriate courses, the College requires entry assessment in the skill areas of writing, reading and mathematics. To satisfy entry assessment requirements, a student needs to take the Postsecondary Education Readiness Test (PERT), unless ACT and/or SAT scores taken within the last two years place one in college level course work. For students with disabilities, the PERT is available in an alternate format.

SCF allows students to take the PERT one time per term. A term is defined as Fall, Spring or Summer per the official academic calendar.

Entry assessment scores will be used for course level placement. Each of the three skill areas of English, reading and mathematics are independent of each other. A student may place at the college level in one or more areas and at the college preparatory level in other areas. If skills are below the levels defined by the state as required for successful performance in a college credit program, the College may limit a student to college preparatory courses and any other instruction for which he or she may be prepared. Retaking the PERT while a student is currently enrolled in a college preparatory level course is against state statute per State FAC 6A-10.0315(13) and (1a)(a)(b).

Requirements for Entry-Level Assessment

Whether full time or part time, a student must complete a state approved entry assessment as indicated:

1. Prior to participating in new student orientation/advisement and registration if he or she is a degree-seeking student.
2. Prior to registration for the first session if he or she is an academic enrichment, dual enrollment or early admissions student.
3. Prior to registration for any course that has a specific entry assessment score as a prerequisite.

Entry assessment scores must be less than two years old.

For exceptions to requirements for taking the PERT, students should contact a student development advisor. Some exceptions may include prior completion of English, mathematics and reading courses at another college/institution.
State Approved Entry-Level Assessments

Postsecondary Education Readiness Test

At SCF, entry assessment consists of the Postsecondary Education Readiness Test (PERT) from the College Board. Test subjects are sentence skills, reading comprehension, elementary algebra and college level mathematics. Application to SCF is required before assessment. The test takes approximately three hours to complete all three sections. To take the test, access the testing center’s Web page at scf.edu/Testing.

PERT Retake Policy

It is the policy of SCF that students can take the PERT only one time per term. A “term” is defined as the Fall, Spring or Summer term per the College’s official calendar. The test is administered for student placement into the appropriate writing, reading and mathematics courses, or other designated courses that have placement test scores as a prerequisite. Note: There is a retake fee of $10 per subsection.

I. Eligible for Placement Test Retake

Students are eligible to request a retake of the placement test under the following circumstances:

A. Never attempted a college preparatory course:
   1. Have not attempted a college preparatory course in the subject area for which they are requesting a retake; and
   2. Test scores are at least one term old; and
   3. Have the appropriate department chair approval to take the test due to special circumstances
      a. Step One: Submit a request to the department chair.
      b. Step Two: Upon approval, the department chair will notify the student and the assessment/testing center.

B. Attempted a college preparatory course:

   Students may retake the placement test upon the recommendation of the department chair.
   1. Upon instructor recommendation, the request will be forwarded to the appropriate department chair.
   2. Upon department chair approval, the chair will notify the student and the assessment/testing center where the student will make the required arrangements to retake the placement test.
   3. Students who are disabled should submit their written requests directly to the disability resource center.

II. Ineligible for placement test retake

Students are ineligible to retake the placement test when their request is based, but not limited to, the following reasons:

A. Students who were not prepared for the test at the time of testing.
B. Students who currently are enrolled in the college preparatory course for which they base their request.
C. Students who wish to circumvent remedial courses by retesting.
D. Students who were not aware of the significance of the testing at the time of testing.

III. Appeal

A. Students requesting to appeal the department chair findings may submit their written appeal to the associate vice president of academic quality and success.
B. Disabled students requesting to appeal the department chair findings may submit their written appeal to the vice president of educational and student services.

The findings of the associate vice president of academic quality and success or vice president of educational and student services are final and will be mailed to the student requesting the appeal within ten (10) working days after receiving the request. A copy of the letter will be filed in the assessment/testing center.

ACT and SAT

Students who have taken the ACT and/or SAT and have scores that place them into college level coursework in English, reading and/or mathematics may use these scores as an alternative to the corresponding sections of PERT. Students may use the ACT and/or SAT scores if the scores are fewer than two years old and at the level or above the scores given below, in accordance with Florida Statute 240.321 and BOT rule 6HX14-4.04.

<table>
<thead>
<tr>
<th>SAT-I Score or Enhanced ACT Section</th>
<th>Exempted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verbal</td>
<td>440</td>
</tr>
<tr>
<td>English</td>
<td>17</td>
</tr>
<tr>
<td>Reading</td>
<td>18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SAT-I Score or Enhanced ACT Score</th>
<th>Exempted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>510</td>
</tr>
<tr>
<td>Mathematics</td>
<td>20</td>
</tr>
</tbody>
</table>

Students who have the required SAT-I or Enhanced ACT scores must submit an official score report or an official transcript with the scores to the educational records office or request them from the testing service electronically. Test scores must be received prior to making an orientation appointment. In addition, an unofficial copy of the score report or a transcript that shows the scores may be hand-carried to an orientation/advisement session. SCF also accepts electronic scores from the testing centers.

* As of March 2005, the verbal score has been changed to critical reading.
CAREER RESOURCE CENTER
scf.edu/CareerResourceCenter

Help deciding on a major:
The career resource center (CRC) offers several self-assessment programs to help students decide on the careers most suitable to their skills and interests. Web-based career assessment programs help determine potential careers. The CRC labs contain hundreds of research materials to assist students with gathering and comparing information. Students can meet with a career advisor to discuss career options and job shadow opportunities.

Preparing for a job search:
The CRC can provide information and guidance with resumes and cover letters for students preparing for a job search. Online and print resources such as Optimal Resume can be utilized to prepare these documents and practice for interviews. Students can log on to the CRC Web page to view jobs listed with the College Central Network and access other resources at scf.edu/CareerResourceCenter.

Working on campus:
Working on campus can provide job experience with the added benefit of convenient scheduling to accommodate class schedules. The institutional work program enables students to work part-time, up to 25 hours per week, in administrative and departmental offices, libraries and laboratories. All students interested in working on campus must complete the Free Application for Federal Student Aid (FAFSA). In order to work as a student assistant, successful applicants must have a minimum grade point average of 2.0; be enrolled in a minimum of six (6) credit hours; and be a degree-seeking student at State College of Florida, Manatee-Sarasota (SCF). Inquiries may be made at the CRC. Interested students should be aware that the amount of Federal Student Loan dollars a student is eligible to receive is directly affected by the amount of Work-Study they are offered. Successful applicants must complete the Free Application for Federal Student Aid (FAFSA) in order to apply for Work-Study funds. CRC labs contain hundreds of research materials to assist students with gathering and comparing information. Students can meet with a career advisor to discuss career options and job shadow opportunities.

A.S./A.A.S. Capstone Internships:
The career resource center (CRC) facilitates A.S./A.A.S. capstone internship opportunities for sophomores enrolled in specific associate degree programs. Students interested in an internship must first confirm their eligibility with their A.S./A.A.S. program manager then visit the CRC to meet with an advisor for placement assistance. The student’s work experience must meet identified learning outcomes in order to get course credits.

The A.S./A.A.S. capstone internship is a course where sophomores gain practical work experience in a position related to their major. It can be paid or unpaid, short-term or project-based, usually lasting one term. The internship is an excellent way for students to enhance their marketability and build their resume in terms of work experience, networking contacts and job references.

DISABILITY RESOURCE CENTER
scf.edu/DisabilityResourceCenter

The disability resource center (DRC) is the focal point for information and services to disabled individuals. State College of Florida, Manatee-Sarasota (SCF) is committed to both the spirit and the letter of the Americans with Disabilities Act (ADA) and the Rehabilitation Act of 1973 and has instituted various administrative policies, procedures and practices to ensure that disabled individuals have access to all programs, services and activities of the College. The DRC administers procedures for the provision of reasonable accommodations. These procedures are designed to provide qualified disabled individuals with the necessary equipment and/or support staff so that they can fully access the College. Provision of certain auxiliary aids and services to College events or activities require a specific request at least two business days prior to the function. Disabled individuals requiring accommodations, modifications or encountering physical barriers in the limited number of older inaccessible facilities should contact DRC for information, assistance or services.

The DRC also provides a full array of academic support services to disabled individuals enrolled in any SCF course and coordinates many campus resources to best meet the educational needs of disabled individuals. The DRC works with a variety of public and private agencies servicing disabled populations in order to facilitate disabled students’ integration into the mainstream of college life. In addition to information, advocacy and coordination of services, the DRC offers individualized personal, academic and vocational guidance and assistance to assist disabled individuals to maximize their potential and pursue meaningful occupations based on their unique interests, needs and abilities.

The DRC is located on the second floor in the southwest corner of the student services center at SCF Bradenton and in the student services center, room 162, at SCF Venice. Individuals can call the DRC at: SCF Bradenton: 941-752-5295 voice 941-755-6839 TTY or SCF Venice: 941-408-1448 voice 941-480-3420 TTY

EDUCATIONAL RECORDS
scf.edu/Records

Educational records is the main contact area for current and new students and services key areas related to admission applications, residency, registration, transcripts, grades, graduation and name and address changes. The office serves as the College department that

2011 - 2012 | State College of Florida, Manatee-Sarasota
administers and complies with all requirements of the Family Educational Rights and Privacy Act (FERPA).

The educational records offices are located at SCF Bradenton on the first floor of the Student Services Center, 941-752-5050 and at SCF Venice in the Student Services Center, building 100, 941-408-1300, ext. 65050.

HEALTH SERVICES

State College of Florida, Manatee-Sarasota (SCF) provides emergency medical services on both campuses 24 hours a day, seven days a week.

SCF Bradenton maintains a health clinic in the Student Union, room 120. Employees and students may receive first aid when required. Emergency number: extension 65550; if life threatening, 911.

SCF Venice maintains a first-aid station in the Student Union, room 504. Emergency number: extension 61550; if life threatening, 911.

SCF Lakewood Ranch security can be reached at 941-363-7155, building 2, room 102.

LOST AND FOUND

The office of public safety/security is responsible for all lost and found items. At SCF Bradenton, the office is located in the Student Union, room 120. During normal working hours, the office can be reached at extension 65550; evenings or weekends, 941-752-5550. At SCF Venice, the office of public safety/security is located in room 504 of the Student Union (building 500). During normal working hours, the office can be reached at extension 61550; evenings or weekends, 941-408-1550.

NEEL PERFORMING ARTS CENTER

Since 1966, the Neel Performing Arts Center has served as a cultural center for Manatee and Sarasota counties, hosting both College and community-sponsored events. Remodeled in 1999, with its lobby and facade redesigned in 2010, the auditorium features a 65’x40’ stage, seating for 837, wheelchair accessible seating and restrooms. The adjacent music and theatre building was renovated in 2008. The 19,500 square-foot addition features larger music classrooms, rehearsal halls and practice rooms and the David S. and Anne V. Howard Studio Theatre, the home for SCF’s Studio 84 Productions.

PUBLIC SAFETY/SECURITY

State College of Florida, Manatee-Sarasota (SCF) is committed to ensuring the safety of students, faculty, staff and visitors through effective policies and procedures, educational programs and community involvement.

SCF is a great place to learn and grow. Fortunately, the College has not experienced a significant number of criminal incidents. But like any community, a college campus has the potential to realize its share of crimes and injuries. As required by the 1990 Campus Security and Crime Awareness Act, campus crime statistics are available upon request through the office of public safety. The College maintains security services 24 hours a day, 365 days a year. SCF public safety/security officers are deployed on campus in motor vehicles, bikes and on foot to provide quick response as well as a high degree of visibility and accessibility to the College community.

To assure that students receive urgent safety and emergency messages, SCF uses a system that quickly delivers notifications via voice, e-mails, text messages and TTY/TDD devices. Students are encouraged to keep information updated in their SCFconnect account. Directions for updating phone and text numbers and e-mail addresses are available at scf.edu/EmergencyInfo. Note: SCF keeps student information in strict confidence and emergency numbers are used only for emergency messages.

Because no college security plan can attain maximum effectiveness unless everyone contributes to making it work, all members of the College community are encouraged to become involved and alert College citizens and to report any unsafe or dangerous situation. SCF always is looking for ways to ensure that the College is a safe, secure and healthy environment to study and work. Students are challenged to adopt these as personal objectives while at the College.

THE SCF STORE

The College owns and operates a bookstore at SCF Bradenton and SCF Venice.

The SCF Store sells textbooks requisitioned by faculty, supplemental and optional books suggested by faculty, school supplies, computer software, T-shirts, sweatshirts and other miscellaneous items.

As a service to the student, The SCF Store purchases used books directly from the student and from various used book companies. Used books that are needed by the store are purchased from the student for half the purchased price. Damaged books will not be purchased by The SCF Store. Students must present a current SCF ID to sell used textbooks.

Full refunds on returned books will be made on all unmarked copies, WITH CASH REGISTER RECEIPT, the first two weeks of classes during the Fall and Spring terms and the first week of classes during Summer A and Summer B terms. Marked copies or books returned after this period will be purchased at used book prices.

Purchases made by personal check or credit cards require a valid driver license or U.S. military ID. Students using financial aid must have a current SCF ID.

Students should estimate spending at least $100 per course for new books.
STUDENT GOVERNMENT  

scf.edu/StudentLife

The Student Government Association (SGA) serves as the students’ voice at State College of Florida, Manatee-Sarasota (SCF) and is comprised of all students in the College who are enrolled in credit courses. Student Government has a voice in College policy-making, helps coordinate extracurricular and cocurricular activities, and plans social, cultural and informational programs for the student body. Through open communication with SCF’s administration, the SGA acts as a liaison between fellow students and administrators.

STUDENT ORGANIZATIONS  

Student organizations and clubs serve a variety of special interests. Consult the student services office or the student life advisor for information on organizations. A comprehensive listing of all College clubs and organizations can be found in the Student Handbook and Planner.

Student Development and Special Programs

COLLEGE PREPARATORY PROGRAM

Special Requirements for Certain Students

Students whose placement scores indicate deficiency in verbal, mathematics or reading areas are required to complete ENC 0010/0015C, ENC 0020/0025C, MAT 0012/0018, MAT 0024/0028, REA 0001/0007 and/or REA 0002/0017. Transfer students also may be subject to the above conditions.

Full-time students must include these entry college preparatory courses during the first term of enrollment and continue to include these courses until all have been completed. Degree credit courses may be taken along with these college preparatory courses.

Part-time students may complete 12 degree credits before college preparatory courses must be addressed.

Students in the college preparatory program are strongly encouraged to include SLS courses within the first 15 term hours.

College Preparatory Courses

In compliance with Florida State Board of Education Rule 6A-10.0315, first-time-in-college students who apply to enter degree programs shall be tested prior to the completion of registration using Postsecondary Education Readiness Test (PERT), ACT or SAT. Those students scoring below SBE-specified cutoff scores in any of the basic skills areas shall be placed in college preparatory classes and limited to no more than three terms of enrollment in any one skill area.

College Preparatory Courses:
- ENC 0010/0015C
- ENC 0020/0025C
- MAT 0012/0018
- MAT 0024/0028
- REA 0001/0007
- REA 0002/0017

Institutional and transfer policy procedures governing these courses will be as follows:

1. Credit will not be awarded for transfer of any college preparatory courses after Summer A, 1984.
2. Only institutional credit will be permitted for college preparatory courses beginning with the Summer B, 1984 term. These courses cannot be used to graduate with either an A.A. degree, an A.S. degree or a certificate.
3. The grades of “A,” “B,” “C,” “D,” “F” and “WF” will be used in college preparatory courses.
4. Students may repeat any previous credit course, which is now college preparatory, to improve their grade point averages under the “Forgiveness Policy,” that is, to forgive previously earned poor grades, but credit will not be awarded. (Catalog policy states that only an “F” or “D” may be repeated.)

ALTERNATIVE CERTIFICATION PROGRAM

State College of Florida, Manatee-Sarasota’s Alternative Certification Program provides a quality teacher training option for baccalaureate degree holders. At the completion of these modules, the student will have successfully demonstrated the Florida Educator Accomplished Practices and will have provided documentation of mastery in a comprehensive professional portfolio. This limited access program requires potential candidates to possess a baccalaureate degree from a regionally accredited college or university, to acquire the statement of eligibility for certification from the FLODE, to submit a written statement of loyalty to Florida and the U.S., to submit to fingerprinting for a background check, to be of good moral character and to possess the disposition suitable for becoming a teacher.

The Florida Department of Education has identified this program as part of the state legislated Educator Preparation Institute. It was designed to assist persons with bachelor's degrees (other than in education) in completing the requirements for K-12 teacher certification. It is competency-based and provides a quality certification option in addition to current state-approved degree programs and district-delivered alternative certification programs. Courses will be delivered in modular format and will carry institutional load hour credit.
To better prepare students for the 21st century, State College of Florida, Manatee-Sarasota (SCF) has incorporated eLearning technologies into many courses. Typically, eLearning refers to courses delivered via the Internet, but it is not limited to only online courses. Because of the features available to them, faculty may use Web-based components in online, blended and classroom-based courses. Some eLearning courses may require additional fees which will be noted on the class schedule. More information about eLearning courses is available online at scf.edu/eLearn.

While it is highly recommended that all SCF students have access to a computer with a reliable Internet connection, it is a requirement for those students taking online and blended courses. There are computer labs available at SCF Bradenton and SCF Venice for those students who do not have computers. While not required, a high-speed Internet connection, such as provided through cable or DSL, is recommended.

Online Courses

Online courses are delivered via the Internet. These courses use a variety of tools, including discussion boards for asynchronous discussions, e-mail, electronic drop boxes for submitting papers and other assignments, as well as other components to deliver course content. Online courses typically follow a schedule throughout the semester with structured lessons and assignments and specific due dates. Some online courses may require meetings for orientation and testing purposes. Please check the specific class schedule for more information about required meetings, and for alternatives for those who cannot attend face-to-face sessions.

Blended Courses

Blended courses include regularly scheduled face-to-face sessions as well as online sessions. The online sessions use the same tools as the online courses. The main difference between the online and blended courses is the increased number of required classroom sessions in blended courses that will vary from course to course. See the specific course schedule for more information about the class meeting sessions.

WHO SHOULD TAKE AN ONLINE OR BLENDED CLASS?

Successful students need to be highly motivated, have good study skills and use time management skills effectively. They must be willing to contact their instructor for assistance when needed and be responsible for completing assignments on time and without reminders. Before registering for an eLearning class, students should ask themselves:

Should I take a Web-based or blended class?

- I have up-to-date computer equipment and access to the Internet.
- I am comfortable downloading, running applications, browsing the Web, installing software, managing files and e-mailing.
- I am comfortable working independently on class readings and assignments.
- I am self-motivated and self-directed in my study time.
- I read text materials with little difficulty.
- I manage my time effectively and am persistent at getting the information I need.
- I can come to campus as required.
- I understand that online classes require as much time input on my part as face-to-face classes.

Directed Study

Directed Study provides opportunities for students to earn college credits in a regular course by working with an SCF instructor on an independent basis. Students enrolling for courses under Directed Study are expected to accomplish the goals and performance standards specified in the course syllabus. Courses are scheduled on a flexible basis with the understanding that final exams will be taken and all work completed at a date mutually agreed upon by the instructor and the student.

Because of the readily available courses offered in the traditional and distance learning formats, Directed Study classes are offered to students in specific circumstances only. Among these circumstances are the following:

1. Student needs a specific course to graduate at the conclusion of the current term and the course is not offered;
2. Student has had a class cancelled and the College needs to offer an alternative; or
3. Schedule conflicts occur that prevents a student from attending both lecture and the laboratory of a specified course.

Applications for Directed Study are available in the respective academic department office and the Faculty Office Building at SCF Venice. The faculty member and the department chair must approve the application prior to the student enrolling under a Directed Study. The fees applicable are the same as for courses taken in regular class sessions.

Work Experience Courses

Work experience courses are an integral part of the educational process within the Associate in Science or Associate in Applied Science degree programs (A.S./A.A.S.). The intent is to assist students in exploring careers, developing skills for future advancement and obtaining job placement within their chosen major. Work experience courses provide on-the-job experiential learning in the public or private sector and augment theoretical content with practical learning in the workplace. The student, instructor and worksite supervisor work collaboratively to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. Four, eight or 12 hours of work experience are required, depending upon the credit hour requirements.

Work experience courses document supervised work experience within a student’s major and are designed to provide him or her with an opportunity to combine classroom instruction with work experience and on-the-job training related to career goals. The courses provide broad exposure to the selected career-related industry.

There are two types of cooperative work experience courses. The Career Decision work experience is designed to provide broad exposure to the dynamic labor market and to allow the student to discover and experience actual job requirements of his or her career interest. The Internship course is a capstone work experience that allows the student to apply all of the classroom theory, knowledge and skills obtained from the degree program to actual work situations.

Associate in Science/Associate in Applied Science degree students interested in a work experience course should contact the program manager.

Associate in Arts (A.A.) degree students should contact the faculty member responsible for internships within the A.A. content area.

Credit for Experiential Learning (C.E.L.) Program

The SCF Credit for Experiential Learning (CEL) program gives individuals an opportunity, upon completion of an appropriate assessment, to convert knowledge gained from prior learning experiences into college credits toward an A.S. degree program or certificate.

The CEL program is tailor-made for people who already have worked and gained knowledge in the field and want to “ac-CEL-erate” the time it takes to obtain their degree. This knowledge may have been gained through employment experiences, volunteer work, intensive self-directed studies, military experiences or advanced technical training and industry certification obtained from either Manatee Technical Institute or Sarasota County Technical Institute.

Prior learning is evaluated by the appropriate faculty member who assesses students in approved courses to validate their specialized knowledge. Methods of assessment include written, oral and performance tests, portfolios that describe and document learning and how it was acquired, interviews with faculty members and evaluation of certificates and/or licenses.

For further information, contact the director of career and technical education.

SPECIAL SCHEDULING

Summer Scheduling

Summer credit courses traditionally are offered in two six-week sessions (Short Term A and Short Term B) or over one 12-week session. The Summer sessions afford an opportunity for students to complete requirements ahead of schedule, to offset lost time or deficiencies or to pursue research or special courses. The second Summer session, beginning in mid-June of each year, makes it possible for the recent high school graduate to begin college-level work immediately.

Short-Term Classes

SCF offers classes in a condensed, accelerated format for those students who find it convenient to attend classes during times other than those in the traditional 16-week term. Students should check the SCF schedule of classes or with student development advisors to determine which accelerated courses will best meet their academic needs.

Evening Scheduling

The College offers students the opportunity to attend a wide range of classes within a convenient evening schedule of 4 to 9:50 p.m. Classes in the evening program traditionally run two nights per week from 4 to 5:30 p.m., 5:30
to 6:50 p.m., 7 to 8:20 p.m., 8:30 to 9:50 p.m. or one night per week from 7 to 9:50 p.m. Academic advising is available on selected evenings until 7 p.m. to assist students with the advisement process and to help them develop an area of study.

**Weekend Scheduling**

Weekend courses allow students to attend classes on Friday evenings and Saturdays. Students can combine weekend classes with day, evening or distance learning courses to accelerate their program of study.

**Off-Campus Credit Courses**

As an additional way to meet the educational requirements of the community, SCF has initiated a program of taking courses to the students. Credit courses are offered off-campus at locations justified by adequate enrollment. All of the courses listed in the catalog will be considered, and appropriate new courses will be developed as required. Off-campus locations may include industrial plants, public service institutions, schools, medical centers, professional sites and business offices.

**STUDENT SUCCESS RESOURCES AND OPPORTUNITIES**

**Academic Resource Center**

The academic resource center (ARC) operates multipurpose learning facilities located in building 5 at SCF Bradenton and in building 400 at SCF Venice. A writing center (communications lab in SCF Venice) and business lab (SCF Bradenton only) are located in the ARC. Mathematics, reading and writing labs also are housed in the ARC. The large, well-staffed ARC offers drop-in assistance in many subject areas including accounting, economics, anatomy and physiology, biology, chemistry, physics, mathematics, reading, writing and more. Group study areas, academic success workshops, study skills assessments and workshops, computer assisted study, and tutorials on videotape, dvd, and cd are available. Also available are multiple learning tools including reference materials, mathematics manipulatives, microscopes, anatomical models and software, and computers with Internet access.

**Library Services**

Librarians are available in person and online to help students effectively use these resources.

The libraries include facilities at SCF Bradenton (building 8) and SCF Venice (building 300). The libraries will deliver materials to the information desk for students at SCF Lakewood Ranch, upon request. Wireless Access is available. Computers, calculators, flip cameras, mini laptops, study rooms and classroom reserves are first come, first served. The book, video, reference and student choice DVD collections are indexed online at scf.edu/Library.

Inter Library Loan services as well as photocopiers and computer printers are available. Your SCF ID card is your library card and printer card. You must have a SCF ID card to print. The GoPrint charging stations are located on the first floor and accept bills only, no change at this time. Limited library access and resources are available for Corporate and Community Development students and community patrons.

The library catalog and online resources are available at scf.edu/Library.

To log into the virtual library, use your G00# as the UserID and the last four digits of the G00# as the Library PIN.

Bradenton: The Library Café has coffee and snacks that may be brought into the Library (building 8).

Venice: The foyer of the Library (building 300) serves as the Campus Art Gallery and also houses several classrooms.

Please call (941) 752-5305 at SCF Bradenton, (941) 408-1435 at SCF Venice or use CHAT at askalibrarian.org/scfms for questions.

**Middle and High School Programs and Opportunities**

**Career Pathways**

The SCF Career Pathways Associate in Science (A.S.) degree program is a four-year program of education and training that begins in high school with acceptance into the program at the completion of the 10th grade. Prescribed course work in the 11th and 12th grades leads to a high school diploma and admission into one of the Career Pathways A.S. degree programs at SCF. At this stage, an SCF Career Pathways student will undertake advanced technical work in addition to completing general education requirements.

Throughout the SCF Career Pathways program, students will have many unique and diverse opportunities to investigate and pursue real-life work experiences and career opportunities. Career Pathways students will have the opportunity to shadow professionals in the career area they are studying. Successful completion of an SCF Career Pathways curriculum leads to the awarding of an Associate in Science degree. The student then is prepared for entry into an important career in the local community.
College Enrichment

The College Enrichment Program is designed to provide an opportunity for qualified high school students to enroll in approved degree credit courses that are selected to add depth to their high school academic program. Credits earned will apply toward an associate degree but may not be applied toward high school graduation requirements. Students are responsible for all college-related costs, which include tuition, fees and books.

College Reach-Out Program (CROP)

The College Reach-Out Program (CROP) is a statewide program designed to increase the number of low-income students successfully completing a postsecondary education. The primary objective of CROP is to strengthen the educational motivation and preparation of low-income 6th-12th grade students who otherwise would be unlikely to seek a postsecondary education without special support and recruitment efforts. The program recruits students and provides them with academic enrichment activities as well as career and personal counseling. CROP is funded through a grant from the Florida Department of Education. SCF provides a cash and in-kind match.

During the academic year, CROP programs are directed by site coordinators who serve as mentors at schools in Manatee and Sarasota counties. Programs include motivational speakers, study-skill strategies, choosing a college, financial aid information, college tours, career information, cultural activities, college requirements, field trips, career development activities, and FCAT/SAT/ACT/PERT preparation. CROP offers selected students an opportunity to reside on a university campus during the summer.

CROP students who choose to attend SCF are eligible for CROP and Summer Bridge Program scholarships.

Early Admissions

Early Admissions is a form of dual enrollment wherein eligible high school students enroll at SCF on a full-time basis. Students must have completed six terms of high school credit, including studies undertaken in the ninth grade, and enroll in courses that count toward high school credit and the associate degree. Most tuition and associated college costs are waived. Students interested in the early admissions program at SCF should contact their high school guidance counselor to obtain the necessary approval form and submit all documentation and complete testing requirements by the posted deadline in the academic calendar each term.

Summer Bridge Program

The Summer Bridge Program serves selected low-income high school seniors from Manatee and Sarasota counties.

The goal of the program is to transition these students to college success by having them begin their college experience during the summer following their senior year. Students get a jump-start by completing two courses before the Fall term begins.

Each student receives a Summer Bridge Program scholarship valued at more than $800. Upon completion of the program, students will have earned three to six college credits and, if necessary, completed a college preparatory reading class. In addition, students are supported and guided by staff throughout their pursuit of a degree from SCF.

Technical Articulation Opportunities

SCF offers diverse opportunities for students to pursue course work toward certificate, Associate in Science and Associate in Applied Science degree programs in conjunction with local technical institutes and area high schools. More information may be obtained about these programs by contacting the director of career and technical education.
Student Code of Conduct

I. GENERAL EXPECTATIONS OF STUDENT BEHAVIOR

State College of Florida, Manatee-Sarasota (SCF) is dedicated to the advancement of knowledge and learning and has a concern for the development of responsible personal and social conduct. The College’s mission includes maintaining high standards to foster a climate of excellence; providing opportunity and access for all; and creating a supportive, safe, personalized environment for maximum student achievement. Sharing responsibility for this mission, students and college personnel are joined in a voluntary college community.

Each student, by applying to and registering for classes at SCF, assumes an obligation to conduct herself/himself in a manner compatible with the College’s function as an educational institution and to obey the laws enacted by federal, state and local governments. Furthermore, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct published in the College Catalog, the Student Handbook and Planner, and other College publications. Violation of any student rules of conduct may lead to disciplinary warning, probation, restitution, suspension, dismissal or other appropriate and authorized penalty.

SCF expects its students to be mature and responsible citizens at all times and in all places. Whether on- or off-campus at any time, if the student’s conduct or dress is in violation of local, state or federal law, is a public nuisance or deemed improper and/or detrimental to the College, that student may be subject to disciplinary action as stated in SCF Procedure 4.10.01: Disciplinary Proceedings for Violation of Standards of Student Behavior.

Students are expected to respect the rights and welfare of other members of the College community and its guests. This College recognizes that a thoughtful and reasoned search for truth can be conducted only in an atmosphere that is free of intimidation and coercion. As such, violence, the threat of violence, disruption to the learning process and intimidation are unacceptable to the College community.

In summary, students are expected to assume full responsibility for their behavior and will be held accountable for their individual and/or collective actions.

II. ACADEMIC ETHICS CONFLICT RESOLUTION PROCEDURE

State College of Florida, Manatee-Sarasota (SCF) expects all members of the College community to conduct themselves in a manner befitting the tradition of honor and integrity. They are expected to assist the College by reporting suspected violations of academic integrity to appropriate faculty and/or administrative staff.

These guidelines define a context of values for individual and institutional decisions concerning academic integrity. It is every student’s responsibility to become familiar with the standards of academic ethics at the College. Claims of ignorance, unintentional error, or academic or personal pressures are not sufficient reasons for violations.

The following is a partial list of the types of behavior that breach the College academic ethics guidelines and are unacceptable: plagiarism, cheating on examinations, forgery, sabotage, unauthorized collaboration or falsification of information. Attempts to commit such acts fall under the term “academic dishonesty” and are subject to penalty.

No set guidelines, of course, can define all possible types or degrees of academic dishonesty; thus, the aforementioned descriptions should be understood as examples of infractions rather than an exhaustive list. Individual faculty members and the vice president of academic quality and success and his/her academic administrators will continue to judge each case according to its particular circumstance.

Conflict Resolution Procedure: Students who feel they have been erroneously penalized for an academic ethics infraction or think that the sanction imposed is inappropriate may appeal, within ten (10) working days of notification of academic sanction, the matter through Procedure 4.14.01; Student Request for Conflict Resolution as Related to Academic Matters.

For a complete copy of Procedure 4.14.01 and guidance on how to proceed with the resolution, students should seek the advice of a student development advisor who acts in the capacity of student advocate for complaint/conflict resolution matters.

III. COMPUTER ETHICS CONFLICT RESOLUTION PROCEDURE

It is the policy of State College of Florida, Manatee-Sarasota (SCF) to maintain the best possible computing facilities for as many users as possible. These facilities include large and small systems, communications networks and personal computers, as well as software, files and data. It is the College’s position that, while computers may enhance our abilities to communicate and modify the means by which we do so, the basic ethics and rights of privacy and ownership of property must be maintained. Since the computing facilities are available to and used by all segments of the College community, each computer user must act responsibly to maintain and protect the rights of others.

It is the responsibility of the computer user to determine specific conditions to use and to obtain required authorization in advance of any use.

Examples of misuse of computing facilities include, but are not limited to:
• Violating an individual’s right to privacy
• Using profanity, obscenity or language offensive to another user
• Reposting personal communications without the author’s prior consent
• Disconnecting computer equipment
• Removing or changing files, stored on the hard drive of a personal computer, which were intended to be used but not modified by the users
• Sending inappropriate electronic mail messages to other people
• Breaking into someone else’s computer account
• Giving one’s personal password to a friend
• Using someone else’s computer account
• Trying a password with someone else’s user ID to see if it works
• Writing a program which attempts to find other people’s passwords
• Installing a program designed to bypass system security
• Connection of monitoring equipment to the College’s computer network
• Making a copy of a copyrighted computer program
• Running a program intentionally designed to slow down the computer
• Using College computers to play games
• Violation of state or federal laws relating to computer use
• Using a College computer for business, financial gain, commercial or illegal activity
• Using a computer in someone else’s office without permission.

The computer services department regularly monitors all computer systems usage. When there is an indication of abuse that interferes with the proper functioning of the system or impinges on another user’s rights, computer services staff conducts an in-depth investigation. This can necessitate accessing a user’s files to gather evidence or to protect the system for other users. Findings of each investigation are forwarded to the campus department of public safety/security for follow-up action.

All instances of unethical or irresponsible use of computing facilities are grounds for disciplinary action. The conduct may be viewed as a violation of the Code of Conduct.

Anyone who knows or suspects that he/she has been a victim of unethical computer conduct, or who observes a violation of the computer ethics code, should report such incidents to the campus department of public safety/security for follow-up action.

Instances of abuse can result in civil and/or criminal proceedings.

**Conflict Resolution Procedure:** Through College Procedure 4.10.01: Disciplinary Proceedings for Violation of Standards of Student Behavior, students who are alleged to have violated a College computer ethics code(s) will be given the opportunity to be informed of the allegation(s), and subsequently the opportunity to refute the allegation(s), make any statements or provide any evidence or mitigating circumstances related to the allegation(s).

For a complete copy of Procedure 4.10.01 and guidance on how to proceed with the resolution, students should seek the advice of a student development advisor who acts in the capacity of student advocate for complaint/conflict resolution matters.

**IV. STANDARDS OF BEHAVIOR FOR STUDENTS, VISITORS AND ORGANIZATIONS**

To ensure a desirable relationship with the community as well as the protection of all students, visitors and organizations, certain campus regulations have been established. Students applying, registering and enrolling in any of SCF’s courses or programs are bound by all campus regulations which are essential to the effective, lawful, moral and orderly educational process. All campus regulations are applicable to all students of the College; all persons engaged in employment either on the campus or on other property used for educational purposes by the College; all visitors; licensees; organizations and invitees.

**A. Examples of Regulations and Prohibited Conduct**

Examples of prohibited conduct are published in the **Student Handbook and Planner** and other College publications, including SCF Procedure 4.10.01: Disciplinary Proceedings for Violation of Standards of Student Behavior.

**B. Prohibited Harassment**

State College of Florida, Manatee-Sarasota (SCF) is committed to providing an educational and working environment free from sexual harassment and/or harassment based on such factors as race, color, sex, age, religion, national origin, disability, marital, veteran status or sexual orientation. SCF strongly disapproves of and will not tolerate harassment of its employees or students by coworkers or fellow students. SCF also will attempt to protect its employees and students from harassment by non-employees and nonstudents.

“Harassment” includes, but is not limited to: verbal, physical and visual conduct that creates an intimidating, offensive or hostile working or education environment or that interferes with work performance or educational opportunities. Some examples include racial slurs, ethnic jokes, posting of offensive statements, posters or cartoons or other similar conduct. Sexual harassment includes solicitation of sexual favors, unwelcome sexual advances or other verbal, visual or physical conduct of a sexual nature.

Every complaint of harassment that is reported to a College official shall be investigated thoroughly, promptly and in a confidential manner. In addition, SCF will not tolerate retaliation against any employee or student for making a complaint about sexual harassment or other forms of harassment covered by this rule.
If harassment of employees or students is established, SCF will discipline the offender. Disciplinary action for a violation of this policy can range from verbal or written warnings up to and including dismissal from the College depending upon the circumstances. With regard to acts of harassment by nonemployees or nonstudents, the College will take appropriate corrective action according to the particular circumstances involved.

C. Children on Campus

Students who are parents, or who assume a parental role, have the responsibility to arrange suitable care for their children while they attend class, labs or study areas. SCF does not have child care accommodations. Students are not permitted to bring children to class, nor should children be left unattended in halls, building offices or on campus. The College reserves the right to protect the safety and welfare of unattended children.

D. Mobile Device Etiquette

The use of mobile devices (cell phones, beepers, tablets and other mobile devices) in the classroom is determined by the faculty member’s mobile device use guidelines for that particular class. Each faculty member determines the acceptable use of mobile devices in the classroom, from requiring the device be turned off to allowing the use of mobile devices in classroom projects. Adhere to the expectations communicated by the faculty member for that course.

E. Pets on Campus

Pets are not permitted at any College location. Seeing Eye dogs are permitted. Training of Seeing Eye dogs may be conducted with the permission of the vice president of educational and student services. Other exceptions also may be granted as required for educational purposes.

Animal wildlife should be respected on both campuses. Students are advised not to feed alligators at SCF Venice or squirrels at SCF Bradenton.

F. Wheeled Motorized Traffic

Bicycles shall not be ridden on the sidewalks between or around campus buildings. All bicycles shall be walked from the parking lot areas to the approved sites designated for bicycle storage.

No skateboards, roller skates or other such roller-equipped means of transportation (i.e. scooters) will be allowed on the sidewalks between and around campus buildings.

G. Tobacco-Free Campus Policy

In keeping with SCF’s longstanding commitment to the health and well-being of students, employees and visitors, SCF has a tobacco-free campus policy. Tobacco use is not allowed on campus grounds, parking lots, SCF-sponsored off-campus events and within SCF-owned vehicles. The use of all types of tobacco and tobacco-like products are prohibited, including smoked and smokeless tobacco, other smoke-able products and electronic cigarettes. This policy applies to all students, employees and visitors of the State College of Florida.

H. Religious Observances

Pursuant to F.S. 1002.21; 1006.53; 1001.64, SCF shall attempt to reasonably accommodate the religious observance, practice and belief of individual students in regard to admissions, class attendance and the scheduling of examinations and work assignments. Students must provide the instructor(s) with advance notification of the purpose and anticipated length of any absence. At that time, the instructor and the student will agree upon a reasonable time and method to make up any work or tests missed.

V. STUDENT DISCIPLINE

The vice president of educational and student services is designated as the staff member of SCF having primary responsibility for the administration of student discipline. Deliberate care shall be taken to ensure that students receive fair and equitable treatment under due process.

The following are the degrees of disciplinary sanctions which may be imposed for violation of any Student Code of Conduct.

1. Apology – A written statement of regret written by the individual or group and approved by the vice president of educational and student services.
2. Warning – A written or verbal notice to the student that continuation or repetition of a specified conduct will be cause for further disciplinary action.
3. Censure – A written reprimand to the student for violation of a specified regulation.
4. Disciplinary Probation – A written reprimand and warning to the student for a repetition of violations as grounds for more serious disciplinary action; also may include exclusion from participation in student privileges or extracurricular College activities, or temporary/permanent loss of privilege or use of designated College facilities for a specified time as set forth in the notice of disciplinary probation.
5. Removal from College-sponsored Housing – A temporary or permanent exclusion from any College-sponsored housing accommodations without reimbursement of any type of housing allowance, or a mandatory room charge.
6. Restitution – Reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.
7. Suspension – Exclusion from classes and other student privileges or activities as set forth in the notice
of suspension pending final determination of an alleged violation.

8. Expulsion – Termination of student status for a definite period of time. At the end of this period of expulsion, the student is eligible to apply to the president of the College for consideration for readmission.


VI. STUDENT COMPLAINT/CONFLICT RESOLUTION POLICIES AND PROCEDURES

State College of Florida, Manatee-Sarasota (SCF) provides an appropriate means to resolve conflicts or complaints concerning College rules, procedures and/or course policies at the lowest possible level.

Complaints may be brought to the attention of faculty and management with the assurance that they will be considered in a fair and equitable manner. Specific policies and procedures that provide an informal and formal, nonadversarial in-house means of addressing conflicts and/or complaints are available.

A student may request due process in such instances where the student perceives an inequity concerning his or her academic standing, or where his or her academic rights and/or freedoms have been violated, or where the academic/administrative regulations of the College are believed to have been interpreted or applied inappropriately.

The following due process procedures should be utilized in resolving complaints or conflicts.

SCF Procedure #4.14.01
Student Request for Conflict Resolution as Related to Academic Matters

SCF Procedure #4.14.02
Student Request for Conflict Resolution as Related to Administrative Policies and Procedures

SCF does not discriminate on the basis of race, color, religion, national origin, gender, sexual orientation, disability, age, marital or veteran status in any of its educational programs, services or activities including admission and employment. Perceived discrimination based on any of these protected classes also may be used as a basis for a complaint.

For guidance on how to proceed with the resolution of a conflict, students should seek the advice of a student development advisor who acts in the capacity of student advocate for complaint/conflict resolution matters.

TRAFFIC RULES AND REGULATIONS

The following rules and regulations are in effect 24 hours a day and pertain to all students (full-time, part-time, day or evening) and faculty and staff driving vehicles on campus. These rules have been established for the benefit of each student and employee and are approved by the Student Government Association, the College administration and the State College of Florida, Manatee-Sarasota (SCF) Board of Trustees. These rules and regulations are established and enforced in order to avoid confusion and danger in parking lots. All parking and traffic, including Student Court, are under the supervision of the vice president of educational and student services.

1. All motorized vehicles parked at SCF must bear a decal. Decals must be prominently displayed in the rear window. Visitors must use spaces designated for visitors.

2. Parking decals for students are valid for two academic years August through July.

3. All vehicles of faculty and staff of SCF must bear an appropriate hang tag. Hang tags are obtained from the office of public safety.

4. Temporarily disabled students may apply for a special identification for their vehicles from the office of public safety. Identifications are issued for a specific time period. In order to park in spaces designated for “handicapped,” a physically disabled person, by state law, must display the disabled parking permit issued by the county tag office. The permit must be attached to the Florida license plate or placed appropriately on the rear-view mirror.

5. The College assumes no responsibility for injury to persons or damages to a vehicle or its contents at any time it is operated or parked on campus.

6. All cars must be off the parking lot by 11 p.m. unless authorized by public safety and security personnel.

Parking Violation Penalties

The student will be held responsible and penalized for the following infractions: improperly parked in handicapped space or blocking handicapped ramp; parking in undesignated areas, blocking traffic, parking in no parking area or parked over line; no current SCF decal, improper decal or no decal showing; parked in reserved or visitors space or parked in a motorcycle pad; moving violations (must attend Student Court) that include driving recklessly, driving against flow of traffic, failure to have vehicle under control, speeding in excess of 10 mph, driving on a surface other than paved or failure to stop at a stop sign; drag racing (to be reported to Sheriff’s office), parking violation, court action. Fine amounts are included in “Cost and Fee Information.”
Violation Payment Procedure Process

1. All persons ticketed for parking violations may make payments in person or mail payment by check or money order to the SCF cashier within 10 business days of receiving the ticket. SCF is not responsible for cash payment if mailed.

2. A student may appeal a citation by filing a parking violation appeal form within 10 business days from the date of violation (indicating a desire to appear before the College Student Court).
   a. A student who fails to do either 1 or 2 above will be sent a first notice to pay the fine.
   b. Any student who has not cleared a violation within 10 business days will be notified that the violation has been sent to the vice president of educational and student services for such action as is deemed necessary.

3. The vice president of educational and student services or a designated representative will take one of the following actions:
   a. Send a notice to appear before the vice president of educational and student services to explain the inaction.
   b. Tag records notifying the College that the student owes a fine and cannot register for another term or receive a transcript until the fine is paid.

Appeals Process

1. Any person who alleges being unjustly ticketed and wishes to appeal a violation shall file a parking violation appeal form at the department of public safety and security.

2. The appeal will be adjudicated based on the current regulations. The College Student Court reserves the right to determine the guilt or innocence of the defendant and to set the amount of the fine within the limits set forth in the regulations. The decision of the College Student Court is final.

College Student Court

The College Student Court reserves the right to determine the guilt or innocence of the defendant and to set the amount of the fine if found guilty within the limits as set in the regulations. The College Student Court selects a meeting date and time. Procedures for payment of violations:

1. A student may pay fines in person in the cashier’s office in student services or make payment (check or money order) by mail within ten (10) business days from date of violation.

2. A student may register for Traffic Court within ten (10) business days from the date of the violation indicating a desire to appear before the Student Court.

   a. A student who fails to do either (1) or (2) above will be sent a notice to pay the fine.
   b. A student who fails to comply within ten (10) business days will be notified that the violation has been sent to the vice president of educational and student services for such action as is deemed necessary.

3. The vice president of educational and student services will tag records notifying the College that the student owes a fine and cannot register for another term or receive a transcript until the fine is paid.
FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

State College of Florida, Manatee-Sarasota (SCF) maintains certain practices and procedures to assure compliance with the Family Educational Rights and Privacy Act (FERPA). This law affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student’s education records within 45 days of the day the College receives a request for access. Students should submit to the campus educational records office a written request that identifies the record(s) they wish to inspect. The College official, or designee, will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading or otherwise in violation of the student’s privacy rights under FERPA. A student who wishes to ask the College to amend a record that he or she believes is inaccurate or misleading or otherwise in violation of the student’s privacy rights under FERPA should write to the College official responsible for the record, clearly identifying the part of the record the student wants changed and specifying why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the College discloses personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent. The College discloses education records without a student’s written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the College in an administrative, supervisory, academic, research or support staff position (including law enforcement personnel and health staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee such as a disciplinary or grievance committee; or a person assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the College. Upon request, the College also discloses education records without consent to officials of another school in which a student seeks or intends to enroll or is already enrolled.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue S.W.
Washington, DC 20202-5901

The SCF office that administers FERPA is:

Educational Records Office
State College of Florida, Manatee-Sarasota
5840 26th Street W.
Bradenton, FL 34207

Directory Information

Directory information means information contained in a student’s educational record that generally would not be considered harmful or an invasion of privacy if disclosed. Under the terms of FERPA, SCF has established the following as directory information.

- Student name
- Degree of study
- Participation in officially recognized activities and sports
- Weight and height of members of athletic teams
- Terms of attendance
- Degrees and awards received

Although the above directory information may be available for release, SCF does not routinely release such information to third parties. The Act states that each student has the right to inform the College that any or all the information is not to be released as requested by the student. The College will honor the student’s request to restrict the release of directory information as stated previously. To withhold directory information, a student should notify the educational records office in writing prior to the drop/add period each term and complete the Directory Disclosure Release Authorization form available in the educational records office on either campus. The status of disclosure at the last registration period is binding and all records will be noted “confidential” until the status is changed by the student. No information will be released without prior written consent of the student.

Nondirectory Information

Nondirectory information is personally identifiable information such as grades, transcripts, GPA and academic standing. SCF does not release this information without written authorization from the student. If a student wishes to have any personally identifiable informa-
Notification of Rights for Elementary and Secondary School Students Enrolled at State College of Florida, Manatee-Sarasota (SCF) and/or State College of Florida Collegiate School (SCFCS)

The Family Educational Rights and Privacy Act (FERPA) affords parents and students over 18 years of age ("eligible students") certain rights with respect to the student’s education records. These rights are:

1. The right to inspect and review the student’s education records within 45 days of the day the School/College receives a request for access.

Parents or eligible students of SCFCS should submit to the head of school (or appropriate school official) a written request that identifies the record(s) they wish to inspect. The head of school (or appropriate school official) will make arrangements for access and notify the parent or eligible student of the time and place where the records may be inspected.

Parents or eligible students of SCF should submit to the campus educational records office a written request that identifies the record(s) they wish to inspect. The College official will make arrangements for access and notify the parent or eligible student of the time and place where the records may be inspected.

2. The right to request the amendment of the student’s education records that the parent or eligible student believes are inaccurate, misleading, or otherwise in violation of the student’s privacy rights under FERPA.

Parents or eligible students who wish to ask the School to amend a record should write the head of school (or appropriate school official), clearly identify the part of the record they want changed, and specify why it should be changed. If the School decides not to amend the record as requested by the parent or eligible student, the School will notify the parent or eligible student of the decision and advise them of their right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the parent or eligible student when notified of the right to a hearing.

3. The right to privacy of personally identifiable information in the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the School/College as an administrator, supervisor, instructor, or support staff member (including health or medical staff and law enforcement unit personnel); a person serving on the Board of Trustees; a person or company with whom the School/College has outsourced services or functions it would otherwise use its own employees to perform (such as an attorney, auditor, medical consultant, or therapist); a parent or student serving on an official committee, such as a disciplinary or grievance committee; or a parent, student, or other volunteer assisting another school/college official in performing his or her tasks.

A school/college official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the School/College discloses education records without consent to officials of another school district in which a student seeks or intends to enroll, or is already enrolled if the disclosure is for the purpose of the student’s enrollment or transfer.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the School/College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Compliance Office
U. S. Department of Education
400 Maryland Avenue, SW
Washington, D.C. 20202-8520

The SCFCS office that administers FERPA is:
State College of Florida Collegiate School
5840 26th Street West
Bradenton, FL 34207

The SCF office that administers FERPA is:
Educational Records
5840 26th Street West
Bradenton, FL 34207
Notification of Social Security Number Collection and Usage

In compliance with 119.071(5), Florida Statutes, this document serves to notify you of the purposes for the collection and usage of your Social Security number (SSN) by State College of Florida, Manatee-Sarasota (SCF).

SCF collects and uses your SSN only for the following purposes in performance of the College’s duties and responsibilities. In an effort to protect your identity, SCF will secure your SSN from unauthorized access, and will never release your SSN to unauthorized parties. SCF will assign you a unique student/employee identification number. This unique ID number is used for most associated employment and educational purposes at SCF.

Upon application to the College, all students are required to acknowledge that they have read and understand the Social Security Number Collection and Usage policy.

Educational Records Office

Federal legislation relating to the Hope Tax Credit requires that all postsecondary institutions report student SSNs to the Internal Revenue Service (IRS). This IRS requirement makes it necessary for colleges to collect the SSN of every student. A student may refuse to disclose his or her SSN to the College, but the IRS is then authorized to fine the student in the amount of $50.

In addition to the federal reporting requirements, the public school system in Florida uses SSNs as a student identifier (Section 1008.386, Florida Statutes). In a seamless K-20 system, it is beneficial for postsecondary institutions to have access to the same information for the smooth transition from one education level to the next. All SSNs are protected by federal regulations under the Family Educational Rights and Privacy Act (FERPA) and are NEVER released to unauthorized parties.

Corporate and Community Development/Traffic Safety Institute

Because of Florida state education reporting requirements, students who enroll in Corporate and Community Development and Traffic Safety Institute classes are required to submit their SSNs. In addition, the Traffic Safety Institute is required to provide your SSN to the Department of Highway Safety and Motor Vehicle for DUI and Special Supervision class registration. For Professional Development and licensing classes, SSNs are used for state licensure reporting requirements. For continuing workforce education as well as grant funded programs, SSNs are used as an identifier for program enrollment and completion.

Financial Aid Office

The financial aid services office at SCF requires students to submit their SSNs on various forms in order to correctly identify applicants, match each applicant’s financial aid record with the student record, and help coordinate state and federal aid programs. SCF also collects students’ SSNs on certain institutional scholarship applications for student files.

The United States Department of Education’s (USDOE) Free Application for Federal Student Aid (FAFSA) requires all applicants to report their SSN to be used for all federal financial aid programs as a student identifier for processing and reporting. In addition, the SSN is required in order for the Department of Homeland Security to investigate citizenship status; for the Federal Work Study Program, the Veterans Affairs Administration, the National Student Loan Clearinghouse; and is required on all loan applications for use by the USDOE.

If you are a recipient of a State of Florida grant or scholarship such as the Florida Student Assistance Grant or Bright Futures, the State of Florida Department of Education will require the use of the SSN on their grant/scholarship disbursement website and for reporting purposes.

Statutory or Regulatory Authority:

- Collection uses are required by Title IV of the Higher Education Act of 1965, as amended (§§483 and 484); 20 USC 1078, 1090, 1091 & 1092
- Required by 38 USC 3471 for VA educational benefits usages
- Required by 34 CFR 668.16 for administrative benefits usages
- Required by 34 CFR 668.33 for residency verification usages
- Required by 34 CFR 668.36 for FAFSA verification usages
- Required by 34 CFR 668.32(i) and 34 CFR 668.36 for Federal Work Study usages
- Authorized by 26 CFR 1.6050 for issuance of Form 1098E, a tax form used to report student loan interest

Human Resources and Payroll Offices

The College’s human resources and payroll offices collect SSNs for the following purposes: classification of accounts; identification and verification; credit worthiness; billing and payments; data collection, reconciliation, tracking, benefit processing and tax reporting. SSNs also are used as a unique numeric identifier and may be used for search purposes.

Providing your SSN is a condition of employment at SCF.

The State College of Florida Foundation Inc.

The State College of Florida Foundation Inc. collects SSNs for the following purposes: as a unique numeric identifier and for reporting scholarship recipients to the Department of Education and the Florida Community College Foundation. SSNs also are required by certain scholarship donors in accordance with their trust or scholarship agreements.
Outreach Programs
The College Reach-Out Program (CROP) collects SSNs to track students for outcome data.

Career Resource Center
The career resource center collects SSNs for identification and verification and tax reporting.

Institutional Research Office
The institutional research office uses SSNs for data collection and required annual state reporting.

Public Safety and Security Office
The public safety and security office collects SSNs for fingerprint submissions to the Florida Department of Law Enforcement.

Federal and State Regulations
Tracking uses are authorized by SBE Rule 6A-1.0955(3)(e); 1008.386, F.S. and the General Education Provisions Act (20 USC 1221(e1)).

Hope/Lifetime Tax Credit uses are authorized by 26 USC 6050S and Federal Register, June 16, 2000/IRC Section 25A.

Registration uses are authorized by 119.071(5), F.S.

Issuance of Form 1098T for tuition payment reports are authorized by 26 USC 3402, 6051.

The College Reach-Out Program (CROP) uses are authorized by 100734(4)(F)(1), F.S.

Solomon Amendment
Under a 1997 rule adopted by the United States Department of Defense, the College, if requested, must provide to the U.S. military the student’s name, address, telephone number, date of birth, level of education, current major and degrees received.

If the student places a hold on his/her record through the Family Educational Rights and Privacy Act (FERPA), information will not be given to the military. However, the student then would need to authorize, in writing to the educational records office, each individual disclosure of any information.
ASSOCIATE IN ARTS DEGREE (A.A.) - Transfer

State College of Florida, Manatee-Sarasota (SCF) offers one Associate in Arts (A.A.) degree. A total of 36 general education credits is required and a minimum of 24 credits is required in the elective area.

**Associate in Arts [1058]** This curriculum classification is for students who, upon graduation from SCF, transfer to a public or private college/university to earn a baccalaureate degree in a specific area of study. Many areas of study are available at Florida public and selected private colleges/universities for which students may prepare while completing the Associate in Arts degree at SCF. Academic advisors are available to assist with program planning so that the proper academic program prerequisites are taken prior to successful transfer to the university/college from SCF.

**Undecided [1052]** This curriculum classification is for students who are undecided about their career and/or university/college major. Advisors will ensure that students are provided a broad academic background and the opportunity to focus on a wide array of academic and/or career goals.

ASSOCIATE IN SCIENCE (A.S.)/ASSOCIATE IN APPLIED SCIENCE (A.A.S.)*

**DEGREES - Career**

Automotive Service Management Technology [2002/2502]*
Business Administration
  Accounting [2005/2505]
  Management [2006/2506]
  Marketing [2007/2507]*
Computer Information Administrator
  Computer Information Technology [2012/2512]
  Computer Programming and Analysis [2013/2513]*
  Network Administration and Security [2027/2527]*
Construction Management Technology [2039/2539]
Criminal Justice Technology [2014/2514]
  Early Childhood Education [2009/2509]*
  Emergency Medical Services [2038/2538]*
  Engineering Technology [2040/2540]
Film Production Technology [2031/2531]*
  Fire Science Technology [2016/2516]*
  Graphic Design Technology [2033/2533]*
  Occupational Therapy Assistant [2020/2520]* **
  Paralegal/Legal Assisting [2018/2518]
Physical Therapist Assistant [2022/2522]* **
Radiography
  Radiography [2023/2523]* **
  Radiography, AART Articulated [2041/2541]* **

+ NOTE: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

ASSOCIATE IN SCIENCE DEGREES (A.S.) - Transfer/Career

Biotechnology [2042]
Dental Hygiene [2029]**
Nursing
  Nursing [2019]**
  LPN to RN [2025]**

(Articulated Transfer) A.S.
Degrees in these fields will transfer to Florida universities that offer bachelor of science (B.S.) degrees in the fields.

Business Administration and Management [1706]
The A.S. Business Administration program leads to a B.S. in Business Administration and Management at eight of the 11 universities in Florida. At UCF and USF, it leads to a B.S. in General Business.

Construction Management Technology [1739]
A degree in this field will transfer to the Everglades University for a bachelor’s degree.

Industrial Management Technology/Hospitality Management/ Culinary Arts [2035]
A degree in this field will transfer to the University of South Florida for a bachelor’s degree.

**NOTES:**

* Degrees/programs marked with one asterisk (*) will require some or all classes to be taken at one campus location. Contact the department for specific details.

** Degrees/programs marked with two asterisks (**) require a separate application and acceptance notification from the specific department before enrollment in the desired program.
### BACCALAUREATE PROGRAMS (Limited Access Programs)
- Bachelor of Applied Science in Energy Technology Management [8001]**
- Bachelor of Applied Science in Health Services Administration [8002]**
- Bachelor of Applied Science in Homeland Security [8003]**
- Bachelor of Applied Science in Public Safety Administration [8004]**
- Bachelor of Science in Early Childhood Education [8005]**
- Bachelor of Science in Nursing [8019]**

### CERTIFICATE PROGRAMS
- Accounting Applications [3001]
- Alternative Energy [3002]*
- Business Management [3010]
- Computer Programming and Analysis [3004]
- Computer Information Technology [3015]*
- Digital Design and Modeling [3017]*
- Early Childhood Education and Early Intervention [3003]
- Electronics [3018]*
- Engineering Support Specialist [3016]*
- Marketing [3011]
- Network Administration and Security [3006]

### ADVANCED TECHNICAL CERTIFICATE PROGRAMS
- Fire Science Administration [4003]*
- Paralegal/Legal Assisting [4004]
- Teacher Certification [4005]

### LINKAGE PROGRAMS#
- Diagnostic Medical Sonography [6008]
- Nuclear Medicine Technology [6005]
- Respiratory Care [6024]

### NONDEGREE PROGRAMS
- Personal Enrichment [9003]

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**NOTES:**
- Degrees/programs marked with one asterisk (*) will require some or all classes to be taken at one campus location. Contact the department for specific details.
- Degrees/programs marked with two asterisks (**) require a separate application and acceptance notification from the specific department before enrollment in the desired program.
- These programs are degree programs offered at other institutions and are not SCF degrees.
ASSOCIATE IN ARTS DEGREE

Associate in Arts Degree for Transfer
General Education Requirements
Prerequisites for State University Majors
Associate in Arts Degree for Transfer

PROGRAMS PARALLELING STATE UNIVERSITY LOWER DIVISION

State College of Florida, Manatee-Sarasota (SCF) offers areas of study leading to the Associate in Arts (A.A.) degree. Usually referred to as the university parallel or transfer degree, it is designed for students who plan to complete the equivalent of their first two years of college work at SCF and then transfer to a senior institution to pursue a bachelor’s degree.

The bachelor’s, or baccalaureate degree, offered by four-year colleges (including SCF) and universities, is defined by a total minimum of 120 term credits: 60 credits at the lower division plus 60 credits at the upper division. At the lower division, students enroll in general education courses and courses to prepare for the major. At the upper division, students declare the major and enroll in specific courses that constitute the major. The A.A. degree is parallel to the first 60 credits of the lower division.

The A.A. degree includes a minimum of 36 credits of general education requirements in the areas of communications, mathematics, social science, humanities and natural science. An additional 24 credits are required in course work to prepare students for their majors at the upper division of a university or four-year college. Included in the A.A. degree of 60 credits is the requirement that students complete SCF’s international/intercultural requirement and Gordon Rule writing and mathematics requirements. It also is an A.A. requirement to pass the exit exam, achieve a minimum score on a national standardized exam or demonstrate successful remediation and achieve a minimum cumulative GPA of 2.5. Students who do not complete all of the international/intercultural and the Gordon Rule courses within the 60 credits must complete additional courses to fulfill A.A. degree requirements. No substitution of courses can be made without approval of the appropriate administrator(s).

Students who complete the A.A. degree and are planning to transfer to a state-assisted senior institution have transfer guarantees based on the State Articulation Agreement (SBE Rule 6A-10.024, FAC). General education requirements are considered met when SCF awards the A.A degree, and no further general education courses will be required by state universities. When students include the state prerequisites for university majors within the A.A. degree, students are guaranteed successful transfer within Florida’s State University System, except to majors that have selective admissions or limited access.

Students attending on a part-time basis will require more than two years to complete the 60 A.A. credits. College preparatory credits and courses carrying only Associate in Science/Associate in Applied Science (A.S./A.A.S.) credits cannot be applied to the Associate in Arts (A.A.) degree.

Students who place into one or more college preparatory courses are strongly encouraged to enroll in SLS 1101, Life Skills for College Success, prior to completion of their first 15 degree-term credits.

For information about SCF baccalaureate programs, visit scf.edu/4-year

Helpful Web Links:

Florida’s State Universities

Florida A & M University .................famu.edu
Florida Atlantic University .............fau.edu
Florida Gulf Coast University ..........fgcu.edu
Florida International University .......fiu.edu
Florida State University .................fsu.edu
New College of Florida ..................ncf.edu
University of Central Florida ..........ucf.edu
University of Florida ....................ufl.edu
University of North Florida ..........unf.edu
University of South Florida ..........usf.edu
University of West Florida ..........uwf.edu

Other Popular Transfer Colleges and Universities

Argosy University ......................argosy.edu
Barry University .......................barry.edu
Charter Oak College .................cosc.edu
Eckerd College .........................eckerd.edu
Goshen College .........................goshen.edu
Hodges University .................hodges.edu
Lynn University .......................lynn.edu
National Louis University ..........nl.edu
St. Leo University .................saintleo.edu
St. Petersburg College ............spcollege.edu
University of Tampa ..............ut.edu
Everglades University ...........evergladesuniversity.edu

Helpful transfer sites

collegesource.org
college source information
collegeview.com
 college search service
facts.org
guidance assistance tool
mycollegeguide.org
provides college and scholarship search
universities.com
links to more than 7,500 colleges
usnews.com
provides a college search and comparison tool
yahoo.com
links to colleges, departments and student clubs
ASSOCIATE IN ARTS DEGREE
GENERAL EDUCATION REQUIREMENTS

General education is the curricular component common to all degree programs. The purpose of the general education requirements is to develop and integrate the student's knowledge, skills, attitudes and experiences so that the student can engage effectively in a lifelong process of inquiry and decision-making. The knowledge and academic experience gained from general education courses are designed to prepare the student with the 21st century skills necessary to be productive, involved and contributing citizens. The following are the specific areas addressed by the general education core:

1. Communication Skills
   Courses develop effective communication skills: reading, writing, speaking and listening.

2. Mathematics Skills
   Courses develop effective mathematics skills: problem-solving, data analysis and interpretation, analysis and use of quantitative information, and application of mathematical concepts, computation and reasoning methods.

3. Community and Cultural Skills
   Courses prepare students to participate actively as informed and responsible citizens in addressing social, economic, environmental and political issues; recognize the interdependence of the peoples of the world and foster international cooperation and peace; and understand and appreciate cultural activities such as literature, art, music and drama as expressions of personal and social experiences; and participate in creative activities.

4. Critical Thinking and Problem-Solving Skills
   Courses give students the opportunity to develop effective critical thinking and problem-solving skills, use higher-order critical thinking skills, apply the scientific method to problem solving and to understand the fundamental concepts of the natural sciences and appreciate their implications on the environment.

5. Information Literacy Skills
   Courses develop the ability to locate, evaluate and use information from a variety of sources in pursuit of career and personal development in the lifelong pursuit of learning.

6. Interpersonal Skills
   Courses develop effective human relations skills: teamwork, conflict resolution and workplace skills.

7. Personal Skills
   Courses develop the ability to understand and apply the principles of healthy living, attain satisfactory emotional and social adjustments, develop a code of behavior based on ethical principles consistent with democratic ideals, understand and manage oneself, adapt to change, assume personal responsibility and develop aesthetic responsiveness.

8. Technology Skills
   Courses develop computer literacy, Internet skills and the ability to retrieve and manage information via technology.

   A grade of "C" or better shall be considered successful completion in general education courses that are part of an Associate in Arts, Associate in Applied Science or Associate in Science degree.

AREA I - COMMUNICATIONS 9 Hours
Students must complete nine hours from A and B:
A. ENC 1101, 1102 Written Communication I, II
B. SPC 1608 Fundamentals of Speech Communication

AREA II - MATHEMATICS 6-9 Hours
Students are required to take two mathematics courses:
MAC 1105 College Algebra
MAC 1114 Trigonometry
MAC 1140 Precalculus Algebra
MAC 2147 Precalculus Algebra/Trigonometry
MAC 2233 Applied Calculus
MAC 2311, 2312, 2313 Calculus with Analytic Geometry I, II, III
MAC 2104 Discrete Mathematics
MAP 2302 Differential Equations
MAS 2103 Linear Algebra
MGF 1106 Topics in Mathematics
MGF 1107 Liberal Arts Mathematics
STA 2023 Elementary Statistics

AREA III - SOCIAL & BEHAVIORAL SCIENCES 6-9 Hours
Students must complete three hours from A and at least three hours from either B or C:
A. Historical
   AMH 1010, 1020 U.S. History I, II
   AMH 1091 African-American History and Culture
   EUH 1000, 1001 Western Civilization I, II
B. Political/Economic
   CPO 2002 Comparative Government
   ECO 2013 Principles of Macroeconomics
   GEA 2000 World Regional Geography
   INR 2002 International Relations
   POS 1041 American Government
C. Social/Behavioral Sciences
   ANT 2000 Introduction to Anthropology
   ANT 2100 Introduction to Archaeology
   PSY 2012 General Psychology
   SYG 2000 General Sociology

AREA IV - HUMANITIES 6-9 Hours
Courses must be selected from two different categories:
A. Literature:
   AML 2010, 2020 American Literature I, II
   AML 2600 African-American Literature
   ENL 2010, 2022 English Literature I, II
   LIT 212 The Novel
   LIT 2020 Short Story
   LIT 2030 Introduction to Poetry
   LIT 2110, 2120 World Literature I, II
   LIT 2310 Horror, Fantasy and Science Fiction
   continued
### GENERAL EDUCATION REQUIREMENTS [69]

**B. Art and Humanities:**

- **Art and Humanities:**
  - **ARH 2000:** Art Appreciation
  - **ARH 2050, 2051:** Introduction to History of Art I, II
  - **FIL 1030:** History of Motion Pictures
  - **HUM 2210, 2230, 2250:** II, III
  - **MUH 2050:** Folk/Traditional Music of World Cultures
  - **MUH 2110:** Introduction to Music History & Literature
  - **MUL 2010:** Music Appreciation
  - **PGY 2101C:** Visual Literacy: Photography
  - **THE 2000:** Theatre Appreciation

**C. Philosophy and Religion:**

- **PHI 2001, 2002:** Introduction to Philosophy I, II
- **PHI 2070:** Introduction to Eastern Philosophy
- **PHI 2600:** Applied Ethics
- **REL 2300:** Introduction to World Religions
- **REL 2121:** Religion in America

### AREA V - NATURAL SCIENCE 6-9 Hours

Students are required to select at least two natural science courses from the courses listed below. It is strongly recommended that at least one course have a laboratory component, indicated by a “C” or “L” after the course name and number. Students should seek information from an advisor regarding the laboratory science requirements at the university to which they plan to transfer.

- **AST 1002:** Descriptive Astronomy (3)
- **BSC 1005C:** Diversity of Life (3)
- **BSC 1007C:** Introduction to Biology (4)
- **BSC 1008:** Human Body (3)
- **BSC 2822C:** Introduction to Astrobiology (3)
- **CHM 1022C:** The Chemistry of Everyday Life (3)
- **CHM 1083C:** Chemistry for the Consumer (3)
- **GLY 2100:** Historical Geology (3)
- **ISC 1004C:** Interdisciplinary Science (3)
- **ISC 1005C:** Interdisciplinary Science II (3)
- **ISC 1141:** Earth and Space Science (3)
- **ISC 1143:** Introduction to Environmental Science (3)
- **MET 1010:** Elementary Meteorology (3)
- **OCE 1001:** Introduction to Oceanography (3)
- **PSC 1121C:** Physical Science (3)

Courses in the list below also meet Area V Natural Science and in addition have college level prerequisites.

- **BSC 2010C,** **2011C:** Fundamentals of Biology I & II (5-5)
- **BSC 2085C,** **2086C:** Anatomy and Physiology I & II (4-4)
- **CHM 1025C:** Introductory Chemistry (5)
- **CHM 1032C:** Chemistry for Health Professionals (4)
- **CHM 2045C,** **2046C:** General Chemistry I & II (5-5)
- **CHM 2210C,** **2211C:** Organic Chemistry I & II (5-5)
- **MCB 2010C:** Microbiology (4)
- **PHY 2048C,** **2049C:** General Physics with Calculus I & II (5-5)
- **PHY 2053C,** **2054C:** General Physics I & II (4-4)

### INTERNATIONAL/INTERCULTURAL COURSES

Students are required to complete six hours of courses from the following list. These courses may be used to fulfill general education and/or Gordon Rule requirements where appropriate.

- **AMH 1091:** African-American History and Culture
- **AM L 2010, 2020:** American Literature I, II
- **AM L 2600:** African-American Literature
- **ANT 2000:** Introduction to Anthropology
- **ANT 2410:** Introduction to Cultural Anthropology
- **ARH 2000:** Art Appreciation
- **ARH 2050:** Introduction to History of Art I
- **ARH 2051:** Introduction to History of Art II
- **ARH 2053C:** Introduction to World Literature I, II
- **CHM 2210, 2230, 2250:** Intercultural Humanities I, II, III
- **CPO 2002:** Comparative Government
- **ECO 2013:** Principles of Macroeconomics
- **EDG 2701:** Teaching Diverse Populations and Field Experience
- **EUH 1000:** Western Civilization I
- **EUH 1001:** Western Civilization II
- **FIL 1030:** History of Motion Pictures
- **FIL 2835:** Appreciation of Film
- **FRE 2200, 2201:** Intermediate French I, II
- **GEA 2000:** World Regional Geography
- **GEO 2420:** Environment and Culture
- **GER 2200, 2201:** Intermediate German I, II
- **HUM 2210, 2230, 2250:** Intercultural Humanities I, II, III
- **INR 2002:** International Relations
- **LIT 2012:** The Novel
- **LIT 2020:** Short Story
- **LIT 2030:** Introduction to Poetry
- **LIT 2090:** Contemporary Literature
- **LIT 2110, 2120:** World Literature I, II
- **LIT 2310:** Horror, Fantasy and Science Fiction
- **LIT 2380:** Women in Literature
- **MUH 2110:** Introduction to Music History and Literature
- **MUL 2010:** Music Appreciation
- **MUH 2050:** Folk and Traditional Music of World Cultures
- **PHI 2001, 2002:** Introduction to Philosophy I, II
- **PHI 2070:** Eastern Philosophy
- **REL 2300:** Introduction to World Religions
- **REL 2121:** Religion in America

continued
SPN 2200, 2201 Intermediate Spanish I, II
IV G * THE 2000 History and Appreciation of Theatre

I, III, IV Courses fulfill general education requirements for the A.A. degree in areas I, III or IV.
G Courses partially fulfill the Gordon Rule writing requirement of at least 6,000 words each.
* ENC 1101 with a grade of “C” or better is a prerequisite.
** ENC 1102 with a grade of “C” or better is a prerequisite or a corequisite.

GORDON RULE
State College of Florida, Manatee-Sarasota
Requirements To Meet Florida SBE Rule 6A-10.030

This rule applies to all students prior to receipt of an Associate in Arts (A.A.) degree from a public community college or university or prior to entry into upper division of a public university. For the purpose of this rule, a grade of "C" or better shall be considered successful completion. All students entering State College of Florida, Manatee-Sarasota under this Catalog are required to meet the Gordon Rule requirements.

In accordance with Florida Department of Education Administrative Rule Number 6A-10.030, all students are mandated to complete satisfactorily 12 semester hours of courses that include written assignments demonstrating college-level writing skills. Each of the following courses is designed to meet this requirement and requires a prerequisite of ENC 1101:

IV ** + AML 2010 American Literature I
IV ** + AML 2020 American Literature II
IV ** + AML 2600 African-American Literature
III * + ANT 2000 Intro to Anthropology
IV * + ARH 2050 Introduction to History of Art I
IV * + ARH 2051 Introduction to History of Art II
** CRW 2001 Creative Writing I
** CRW 2002 Creative Writing II
I ENC 1101 Written Communication I
I * ENC 1102 Written Communication II
* ENC 2210 Technical Communication
IV ** ENL 2010 English Literature I
IV ** ENL 2022 English Literature II
* FIL 1007 Foundations of Story
IV * + HUM 2210 Intercultural Humanities I
IV * + HUM 2230 Intercultural Humanities II
IV * + HUM 2250 Intercultural Humanities III
III * + INR 2002 International Relations
* JOU 1100 Basic Reporting
IV ** + LIT 2012 The Novel
IV ** + LIT 2020 Short Story
IV ** + LIT 2030 Introduction to Poetry
IV ** + LIT 2090 Contemporary Literature
IV ** + LIT 2110 World Literature I
IV ** + LIT 2120 World Literature II
IV ** + LIT 2310 Horror, Fantasy and Science Fiction
IV ** + LIT 2380 Women in Literature
* MMC 2100 Writing for Mass Communications
IV * + MUH 2050 Folk/Traditional Music of World Cultures
IV * + MUH 2110 Introduction to Music History and Literature
* PGY 2000 History of Photography
IV* PGY 2101C Visual Literacy: Photography
IV * + PHI 2070 Introduction to Eastern Philosophy
* PLA 1104 Legal Research & Writing I
* PLA 2114 Legal Research & Writing II
IV * + REL 2121 Religion in America
IV * + THE 2000 Theatre Appreciation
* THE 2020 Theatre Fundamentals
I, III, IV Courses fulfill general education requirements for the A.A. degree in areas I, III or IV.
* ENC 1101 with a grade of “C” or better is a prerequisite.
** ENC 1102 with a grade of “C” or better is a prerequisite or a corequisite.
+ Courses fulfill the international/intercultural requirement.

Exceptions to Gordon Rule Writing:
1. Any student who completes the first six hours of English coursework required by this rule with an “A” (grade point average of 4.0) may waive completion of the remaining six hours until after entry into the university.
2. Completion of an Advanced Placement English course, with a score of three or better on the AP exam, will meet the ENC 1101-1102 portion of this requirement.
3. Students may be exempt if they enrolled prior to January 1983 and have maintained continuous enrollment.

In accordance with Florida State Department of Education Administrative Rule Number 6A-10.030, all students enrolling in any college for the first time on or after Jan. 1, 1983, are mandated to complete satisfactorily a minimum of six semester hours of mathematics from any of the following courses:
MAC 1105 College Algebra
MAC 1114 Trigonometry
MAC 1140 Precalculus Algebra
MAC 2147 Precalculus Algebra/Trigonometry
MAC 2233 Applied Calculus
MAC 2311 Calculus with Analytic Geometry I
MAC 2312 Calculus with Analytic Geometry II
MAC 2313 Calculus with Analytic Geometry III
MAD 2104 Discrete Mathematics
MAP 2302 Differential Equations
MAS 2103 Linear Algebra
MGF 1106 Topics in Mathematics
MGF 1107 Liberal Arts Mathematics
STA 2023 Elementary Statistics

Exceptions to Gordon Rule Mathematics:
Any student who has satisfied College Level Examination Program requirements in mathematics and whose high school transcript shows successful completion of higher mathematics course work, including college algebra, trigonometry and calculus, shall be exempted from the mathematics requirements of this rule.

Completion of an AP calculus course with a score of “3” or better on the AP exam will meet this requirement.
ASSOCIATE IN ARTS DEGREE
PREREQUISITES FOR STATE UNIVERSITY MAJORS

State College of Florida, Manatee-Sarasota (SCF) offers one Associate in Arts (A.A.) degree. A total of 36 general education credits plus a minimum of 24 elective credits is required. This degree is designed for students who, upon graduation from SCF, plan to continue on at SCF or transfer to a public or private college/university to earn a baccalaureate degree in a specific area of study. Students are encouraged to include their university pre-major requirements within the A.A. degree. The state universities in Florida currently offer more than 500 majors. To maximize transferability to a specific university major, students are advised to choose an area of study as early as possible while attending SCF. Students who have not met the universities’ foreign language requirement in high school (two years of the same foreign language) should include eight credits of foreign language within the A.A. degree.

Students need to take responsibility for determining the core prerequisites of the institution to which they are transferring as some university requirements may vary.

Students who are undecided about the area of study are urged to work closely with student development advisors and the career resource center. Many careers require degrees in specific majors, and setting career goals can clarify the educational path for many students.

The state’s articulation coordinating council has helped to identify and publish state prerequisites for each major. Common prerequisite listings of university majors are used by student development advisors and students in developing individual program plans. These listings are available from the state website, www.facts.org.

In addition to the articulation agreement between Florida community colleges and state universities, SCF has developed transfer agreements with private colleges and universities to assist SCF graduates with smooth, seamless transfers to the upper divisions of these institutions. Students are urged to work with SCF student development advisors to identify and select appropriate transfer colleges.

As SCF is a regionally accredited institution, SCF credits transfer successfully to other accredited colleges. However, students considering transfer to private institutions or to out-of-state institutions that do not have agreements with SCF should be aware that requirements vary at private colleges and out-of-state universities. Students should contact the transferring institution for guidance in selecting courses that will provide the needed preparation for the chosen majors.

Below are programs that identify the state university majors for which students may prepare while completing the A.A. degree. The information is used by student development advisors and students in program planning so that the proper university prerequisites are completed before transferring. Advising assistance is available at SCF and online through www.facts.org, but students are responsible for determining not only the common prerequisites for a university major but also any additional university-specific requirements and deadlines.

Accounting
Advertising
African-American Studies
Anthropology
Art — General
Art History and Appreciation
Art — Studio/Fine Art
Astronomy/Atmosphere Science/Meteorology
Biology/Ecology/Clinical Chemistry/
Marine Biology/Plant Pathology
Business Administration and Management/
Business/Business Managerial Economics/
Finance/Hospitality Management
Chemistry
Chemistry Science
Civil Technology
Community Health
Computer and Information Engineering
Computer and Information Science
Criminal Justice Studies
Dietetics/Nutritional Services
Dramatic Arts (Theatre)
Economics — Business
EDUCATION MAJOR REQUIRED COURSES
(It is strongly advised that all education majors see an SCF academic advisor for appropriate course selection.)
Education — Art
Education — Biology — Secondary
Education — Chemistry — Secondary
Education — Drama
Education — Earth/Space — Secondary
Education — English
Education — Foreign Language
Education — Health
Education — Home Economics Teacher
Education — Mathematics — Secondary
Education — Music
Education — Physical Education/Teacher/Coaching
Education — Physics — Secondary
Education — Science — Middle School
Education — Social Sciences
Education — Special/Elementary/
Pre-Elementary/Early Childhood
Education — Trade and Industrial — Vocational
Industrial/Occupational Specialist Training/
Technical Education
Electrical/Electronics Engineering
Engineering
English — General/Literature
Forensic Science
French

continued
Geography
German
Health Administration
Health Information Management
Health Professions Administration
History
Human Services
Humanities
Independent Studies
Information Sciences and Systems
Journalism
Liberal Arts and Sciences
Magazine Production
Mass Communications
Mathematics/Statistics
Microbiology
Motion Picture & TV/Recording Art/TV Technology
Music General/Performance/Composition/
Theory/Jazz Studies/History and Appreciation
Nutrition and Dietetics
Paralegal/Legal Assisting
Pharmacy
Philosophy
Philosophy and Religion
Photography
Physics
Political Science and Government
Psychology — General
Public Administration
Radio and TV Broadcasting
Radiologic Technology
Rehabilitative Services
Religious Studies
Rhetorical Speech and Communication
Social Sciences — General
Social Work — General
Spanish

ASSOCIATE IN ARTS DEGREE REQUIREMENTS

SUMMARY

1. Satisfactory completion, a grade of “C” or better, of the general education requirements for the A.A. degree (36 credits minimum from among the five areas)

2. Satisfactory completion of at least six term credits of International/Intercultural education

3. Satisfactory completion of all courses necessary to meet the requirement of the Gordon Rule (SBE Rule 6A-10.030)

4. Satisfactory completion of at least 60 A.A. term credits of academic work exclusive of college preparatory courses and courses applicable only to an Associate in Science (A.S.) degree or to an Associate in Applied Science (A.A.S.) degree

5. Pass the exit exam, achieve a minimum score on a national standardized exam or demonstrate successful remediation and achieve a minimum cumulative GPA of 2.5.
A.S. and A.A.S. + Degree Programs
Certificate Programs
Linkage Programs

+Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.
Associate in Science and Associate in Applied Science Degrees and Certificate Programs

Career education programs at State College of Florida, Manatee-Sarasota (SCF) have been designed to prepare students for immediate employment in their chosen careers.

Students in a career program should follow the program outline with great care; otherwise, they may find themselves out of sequence and deficient in graduation requirements.

Graduates of these programs combine the advantages of a college education with specialized training that enables them to become technically competent for jobs in engineering industries, government, health-related services and business. Because of their special abilities, these students typically find positions with salaries comparable to four-year college graduates.

Complete programs designed to meet the needs of the society, as well as the interests of students, are offered on the following pages. Each program is designed specifically to provide the knowledge and skills fundamentally appropriate for application in one field of study. The student should choose wisely regarding interests, aptitudes, scholastic preparation and future career plans. Once the choice of a program is made, the student should follow the program carefully to avoid sequencing and scheduling problems. A program manager thoroughly familiar with that particular program will be assigned to the student for guidance.

No substitution of courses can be made without approval of the program manager, department chair, dean or the appropriate administrator(s).

It is the intent of SCF to provide courses leading to the fulfillment of associate degrees and certificate programs in a timely manner. Such provision is accomplished by courses being offered at SCF campuses and at numerous off-campus sites throughout the two-county service district. It may be necessary for students to enroll in classes at more than one location for the total fulfillment of degree requirements.

CERTIFICATE PROGRAMS

One-year certificate programs are available in various disciplines for students needing training in specific skills areas. These programs are designed so that the student may continue toward an associate’s degree in the same field.

ADVANCED TECHNICAL CERTIFICATE PROGRAMS

Several Advanced Technical Certificate (ATC) programs are offered. An ATC program is an extension of a specific Associate in Science (A.S.) and/or Associate in Applied Science (A.A.S.) degree and is limited to students who have completed the related A.S. and/or A.A.S. degree. The ATC programs, which vary in length depending upon the specific area, offer customized training that will upgrade and add to those skills learned in the A.S. and/or A.A.S. degree program.

ASSOCIATE IN SCIENCE DEGREE (A.S.) ACADEMIC PROGRAMS AND ASSOCIATE IN APPLIED SCIENCE DEGREE (A.A.S.)

Students earn a State College of Florida, Manatee-Sarasota (SCF) A.S. degree in the following programs unless they elect to earn an A.A.S. degree (nontransferable) by completing the A.A.S. degree program’s minimum math requirement in place of the A.S. Gordon Rule level mathematics course requirement. Exceptions are noted. Admissions criteria have been established for all A.S. and A.A.S. degree programs. Please contact the appropriate program manager or department chair for details.

These programs have been designed for the student who may wish to enter employment at the end of two years.

Biotechnology

Business

Automotive Service Management Technology
Business Administration and Management*
Business Administration
Specializations:
Accounting
Management
Marketing

Industrial Management Technology/Hospitality Management/Culinary Arts **

Computer Science

Computer Information Administrator
Specializations:
Computer Information Technology
Computer Programming and Analysis
Network Administration and Security

Construction Management

Construction Management Technology

Criminal Justice

Criminal Justice Technology

Education

Early Childhood Education

Engineering

Engineering Technology

Film Production

Film Production Technology

continued
Fire Science
  Fire Science Technology
Graphic Design
  Graphic Design Technology#
Health Professions****
  Dental Hygiene (A.S. only)
  Emergency Medical Services***
  Nursing* (A.S. only)
  Nursing Transition* (A.S. only)
  Occupational Therapy Assistant#
  Physical Therapist Assistant#
  Radiography*
  Radiography, ARRT+
Legal Assisting
  Paralegal/Legal Assisting#

* Based on the provision of Rule 6A-10.024-
  Articulation between universities, community colleges,
  and school districts, and the career ladder agreements,
  this program is eligible to receive advanced placement
  credit toward a baccalaureate degree (B.S.) in designat-
  ed university programs for students who choose to pur-
  suing the B.S., or equivalent, degree. Career opportunities
  still are available for students who choose to enter the
  workforce with an A.S. degree.

# This program is available as an SCF A.S. degree and is
  not designed to transfer to a B.S. degree program.

** This program is an articulated program between
  Manatee Technical Institute (MTI), Sarasota County
  Technical Institute (SCTI), SCF and USF - Sarasota/Manatee.

*** This program is an articulated program between
  MTI, SCTI and SCF.

**** SCF and its Health Professions programs reserve
  the right to make changes in the regulations, offerings,
  requirements and any provisions announced in this
  Catalog at any time as circumstances require.

+ This program is an articulated program between SCF
  and the American Registry of Radiologic Technologist
  (ARRT).

ASSOCIATE IN SCIENCE DEGREE
GENERAL EDUCATION REQUIREMENTS

A grade of "C" or better shall be considered suc-
  cessful completion in general education courses that are
  part of an Associate in Arts (A.A.), Associate in Science
  (A.S.) or Associate in Applied Science* (A.A.S.) degree.
  Students must complete 15 or more hours from the five
  areas listed below.

AREA I - ENGLISH  3 Hours

  ENC 1101  Written Communication I

AREA II - MATHEMATICS +  3 Hours

  Students are required to take one mathematic course:
  MAC 1105  College Algebra
  MAC 1114  Trigonometry
  MAC 1140  Precalculus Algebra
  MAC 2147  Precalculus Algebra/Trigonometry
  MAC 2233  Applied Calculus
  MAC 2311  Calculus with
  2312, 2313  Analytic Geometry I, II, III
  MAD 2104  Discrete Mathematics
  MAP 2302  Differential Equations
  MAS 2103  Linear Algebra
  MGF 1106  Topics in Mathematics
  MGF 1107  Liberal Arts Mathematics
  STA 2023  Elementary Statistics

AREA III - SOCIAL AND BEHAVIORAL SCIENCES  3 Hours

  All courses that meet the A.A. general education Area
  III social and behavioral sciences requirements will meet
  the A.S. general education Area III requirements. Certain
  programs in health professions and education, which are accredited through external agencies, may have special requirements in the social sciences.

AREA IV - HUMANITIES  3 Hours

  All courses that meet A.A. general education Area IV
  humanities requirements will meet the A.S. general
  education Area IV requirements.

AREA V - SCIENCE AND TECHNOLOGY  3 Hours

  CGS 1000  Computer Information Systems or
  any higher course in discipline with
  prerequisite of CGS 1000, or

  Natural Science  All courses that meet A.A. general
  education Area V natural science
  requirements will meet the A.S.
  general education Area V requirements

  +Students may elect to earn an SCF A.A.S. degree if
  they complete MAT 1033 Intermediate Algebra in
  place of the A.S. degree program's mathematics
  requirement. Different mathematics requirements apply
  to some of the A.A.S. degrees. Individual program
  pages and/or program managers should be consulted.

  * Note: The A.A.S. degree currently is being reviewed
  at the state level with the possibility that it will no
  longer be available effective Fall 2012.
Biotechnology

Associate in Science Degree in
BIOTECHNOLOGY [2042]
(61 Term Hours)

Program Goal:
This program is designed to prepare students for employment as technicians who will work in a laboratory or industrial setting. Biotechnology is a wide-ranging field encompassing DNA/RNA and protein isolation, characterization, and sequencing; cell culture, genetic modification of organisms; toxicology, vaccine sterility testing, antibody isolation and production; and the development of diagnostic and therapeutic agents. This hands-on program is designed to meet local, statewide and national needs for laboratory technicians. Graduates are grounded thoroughly in basic laboratory skills and trained in advanced molecular biology techniques. Students are acclimated to both research and industrial environments. The program emphasizes laboratory-based, universal, and scalable technician skills resulting in a thorough and comprehensive understanding of the methodology.

Potential workplace environments for graduating students include laboratories specializing in: food safety; environmental quality control; the production of new medicines; forensics; alternative fuels; bio-manufacturing; and industry, academic and government research.

Program Entrance Requirements
To be admitted to the Biotechnology Degree Program, a student must have:
1. Achieved a level of English and reading proficiency that qualifies the student for entry into ENC 1101 or higher as demonstrated by the standard placement criteria currently in use at SCF;
2. Achieved a level of mathematics proficiency that qualifies the student for entry into MAC 1105 or higher as demonstrated by the standard placement criteria currently in use at SCF; and
3. Achieved a level of chemistry and biology content proficiency equivalent to that covered in CHM 1025C and BSC 1007C as demonstrated by the standard placement criteria currently in use at SCF

** A grade of "C" or better must be attained for all courses taken for this degree.

General Academic Courses**
Please contact program manager for recommended course sequence.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2010C</td>
<td>Fundamentals of Biology I</td>
<td>5</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MCB 2010C</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BSC 1008</td>
<td>Human Body</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2045C</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHM 2046C</td>
<td>General Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>Total</strong></td>
<td><strong>37</strong></td>
</tr>
</tbody>
</table>

Program Core Courses**
Please consult the course description section of the Catalog for any prerequisites. Please contact program manager for recommended course sequence.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1421</td>
<td>Introduction to Biotechnology</td>
<td>1</td>
</tr>
<tr>
<td>BSC 2420C</td>
<td>Introduction to Biotechnology Methods</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2426C</td>
<td>Biotechnology Methods I</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2427C</td>
<td>Biotechnology Methods II</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2419C</td>
<td>Plant and Animal Cell Culture</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2943C</td>
<td>Biotechnology Internship</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2435</td>
<td>Introduction to Bioinformatics</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2031</td>
<td>Topics in Bioethics</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>Total</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

Program Director
Jane Pfeilsticker
941-752-5341 Bradenton
941-408-1300, ext. 65341 Venice
# Business

## Associate in Science Degree in AUTOMOTIVE SERVICE MANAGEMENT TECHNOLOGY [2002]

### (68 Term Hours)

**Program Goal:**
To prepare students for employment in mid-management positions in the automotive service business environment or to provide supplemental training for persons previously or currently employed in automotive occupations.

The program goal includes instruction to individuals in the areas of planning, organizing, directing and controlling of a business, with emphasis on selected theories of management and decision-making and the knowledge and understanding necessary for managing people and functions in the automotive service industry.

### Program Entrance Requirements
To be admitted to the Automotive Service Management Technology Degree Program, a student must have:
1. Achieved mathematics proficiency at the level of grade 11 or better, as demonstrated by the TABE Test (form A) currently in use at SCTI and MTI;
2. Achieved language arts proficiency at the level of grade 11 or better, as demonstrated by the TABE Test (form A) currently in use at SCTI and MTI;
3. Taken one of the standard placement exams currently in use at SCF; and
4. Taken the ASE-formatted testing instrument designed to the eight automotive curriculum areas.

### Technical Courses
(Conducted by SCTI and MTI)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AER 1081</td>
<td>Introduction to Automotive Technology</td>
<td>3</td>
</tr>
<tr>
<td>AER 2498</td>
<td>Steering and Suspension Systems</td>
<td>2</td>
</tr>
<tr>
<td>AER 1198</td>
<td>Automotive Engine Diagnosis and Repair</td>
<td>3</td>
</tr>
<tr>
<td>AER 1298</td>
<td>Transmission and Drive Systems</td>
<td>6</td>
</tr>
<tr>
<td>AER 1690</td>
<td>Automotive Electrical Systems</td>
<td>2</td>
</tr>
<tr>
<td>AER 2794C</td>
<td>Heating and Air Conditioning Theory</td>
<td>1</td>
</tr>
<tr>
<td>AER 1694C</td>
<td>Automotive Electronics</td>
<td>4</td>
</tr>
<tr>
<td>AER 2840C</td>
<td>Computer Engine Control and Driveability</td>
<td>6</td>
</tr>
<tr>
<td>AER 2850C</td>
<td>Engine Tuneup and Emission Control</td>
<td>3</td>
</tr>
<tr>
<td>AER 2598</td>
<td>Brake Systems and Chassis Repair</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
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### Cooperative Education
(Supervised by SCTI and MTI)

<table>
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<tr>
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<th>Description</th>
<th>Term Hours</th>
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<tbody>
<tr>
<td>AER 2943</td>
<td>Cooperative Dealership Training I</td>
<td>3</td>
</tr>
<tr>
<td>AER 2944</td>
<td>Cooperative Dealership Training II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>6</strong></td>
</tr>
</tbody>
</table>

### General Education Courses
(Conducted by State College of Florida, Manatee-Sarasota)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101**</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000**</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.*</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Humanities**</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics**</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

### Additional Coursework
(Conducted by State College of Florida, Manatee-Sarasota)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 2210</td>
<td>Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>Management Choose any two from MAN 2021, MNA 1345, MAN 2241 or MAN 2300</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

### Program Managers

| James Dieter | Gary DeNoon |
| ATEP Program Manager, SCTI | ASE Program Manager, MTI |
| 941-361-6531 | 941-751-7900, ext. 2116 |

This program is offered through SCF in conjunction with Sarasota County Technical Institute (SCTI) and Manatee Technical Institute (MTI).

** A grade of **C** or better must be attained for each core course and the courses meeting the general education requirements for this degree.

+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 in place of the A.S. degree program’s minimum mathematics requirement [2502]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.
Business

Associate in Science Degree in
BUSINESS ADMINISTRATION
(62-64 Term Hours)

Program Goal:
The purpose of this program is to prepare students for employment in the areas of specialization for these job titles:

1. Accounting: To be prepared immediately after graduation from this program to enter the accounting profession in a variety of positions.

2. Management: To prepare students for employment in mid-management positions in a variety of business environments as managers or to provide supplemental training for persons previously or currently employed in management occupations.

3. Marketing: This program prepares students for employment in the field of marketing. This includes working as a marketing manager in small and medium-sized businesses, as a sales representative for a variety of businesses, working in the field of advertising and in management of retail establishments.

Program Specializations:

Program Director
H. Steven Floyd
941-752-5281 Bradenton
941-408-1476 Venice
floydh@scf.edu

Academic Core Courses: All Specializations**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1570</td>
<td>Integrated Business Applications Software</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2021C</td>
<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>ACG 2071*</td>
<td>Principles of Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>GEB 2210</td>
<td>Business Presentation and Communications</td>
<td>3</td>
</tr>
<tr>
<td>BUL 2131</td>
<td>Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2021</td>
<td>Principles of Management and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MAR 2011</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Any Business Course</td>
<td>6</td>
</tr>
<tr>
<td>**Total</td>
<td></td>
<td>49</td>
</tr>
</tbody>
</table>

* Prerequisite may be required
** A grade of “C” or better must be attained for each core course and the courses meeting the general education requirements for this degree.
+ Students may elect to earn an SCF A.A.S. degree if they complete QMB 1001 in place of the A.S. degree program’s minimum mathematics requirement. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Business Administration—continued next page
Area of Specialization
All students must complete the academic courses and general business courses. A student then will specialize by completing the specialization courses as noted.

### Accounting **
Program Specialization Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2100*</td>
<td>Intermediate Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2360*</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>APA 2141*</td>
<td>Computers for Accounting Applications</td>
<td>3</td>
</tr>
<tr>
<td>TAX 2000</td>
<td>Tax Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FIN 2001*</td>
<td>Financial Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal 15

TOTAL 62-64

### Management **
Program Specialization Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNA 1345</td>
<td>Management and Supervision</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2300</td>
<td>Management and Personnel</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2241</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2933*</td>
<td>Management Seminar</td>
<td>3</td>
</tr>
<tr>
<td>FIN 2001*</td>
<td>Financial Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal 15

TOTAL 62-64

### Marketing **
Program Specialization Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKA 2021</td>
<td>Personal Selling</td>
<td>3</td>
</tr>
<tr>
<td>MKA 2511</td>
<td>Principles of Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MKA 2041</td>
<td>Retailing</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2241</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2933*</td>
<td>Management Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal 15

TOTAL 62-64

---

* Prerequisite may be required

** A grade of “C” or better must be attained for each core course and the courses meeting the general education requirements for this degree.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.

A related certificate also is offered. See certificate listing.
Business

Associate in Science Degree (Articulated to B.S. Degree) in BUSINESS ADMINISTRATION AND MANAGEMENT [1706]
(67 Term Hours)

Program Goal:
Designed for students who want a foundation in business principles and practices, but who aspire to matriculate to a four-year university.

Program Entrance Requirements
To be admitted to the Associate in Science Degree Program in Business Administration a student must:
1. Achieve a level of mathematics proficiency which qualifies the student for entry into MAC 1105 or higher; and
2. Achieve a level of English and reading proficiency which qualifies the student for entry into ENC 1101 or higher.

This program is designed for students who intend to seek immediate employment in a business environment and for those presently employed in a business environment who want to enhance their business skills. The program will provide all students with a thorough foundation of fundamental business principles and practices. Through flexibility in this program of study, students will have the opportunity to transfer to the university system to pursue a bachelor’s degree. Students exiting the program also will be able to utilize general education skills which are necessary for success in the modern world of work. By choosing this program of study, students will ensure that their education will prepare them for immediate employment and the opportunity to pursue a bachelor’s degree.

General Academic Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Written Communication II</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAC 2233</td>
<td>Applied Calculus</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1570</td>
<td>Integrated Business Applications Software</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 24

Program Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2021C</td>
<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>ACG 2071*</td>
<td>Principles of Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023*</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2021</td>
<td>Principles of Management and Organization</td>
<td>3</td>
</tr>
<tr>
<td>BUL 2131</td>
<td>Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>MAR 2011</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 25

Select 6 courses from the list below for a total of 18 term hours:

ENC 2210 Technical Communication
INP 1390 Human Relations
PHI 2600 Applied Ethics
A.A. General Ed. Area II - any course
A.A. General Ed. Area III - any course
A.A. General Ed. Area IV - any course
A.A. General Ed. Area V - any course

Total 18

This A.S. Business Administration Program leads to a B.S. in business administration and management at eight of the 11 universities in the State University System of Florida. At UCF and USF, it leads to a B.S. in general business.

* Prerequisite may be required
** A grade of "C" or better must be attained for all courses taken for this degree.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.

A related certificate also is offered. See certificate listing.
### Business

**Associate in Science Degree in**

**INDUSTRIAL MANAGEMENT TECHNOLOGY, HOSPITALITY MANAGEMENT/CULINARY ARTS (2035)**

Articulated with the Culinary Arts Program, Manatee Technical Institute and Sarasota County Technical Institute, and the Bachelor of Science in Applied Science Degree with a Concentration in Hospitality Management, University of South Florida Sarasota-Manatee

(63 Term Hours)

### Program Goal:

To enable students, who have gained competency in the technical institute post-secondary adult vocational level, to acquire an Associate in Science degree and to provide the prerequisites for matriculating into a Bachelor of Science in Applied Science degree.

This is an articulated program between Manatee Technical Institute (MTI), Sarasota County Technical Institute (SCTI), State College of Florida, Manatee-Sarasota (SCF) and the University of South Florida Sarasota-Manatee (USF). Students who have completed the post-secondary adult vocational certificate (PSAV) in commercial foods and culinary arts at MTI and the courses listed below at SCF will be awarded an Associate in Science degree. Upon completion of this A.S. degree, students will have the required 62 transferable hours, overall GPA of 2.0 and the prerequisites for matriculating to USF Sarasota-Manatee for the Bachelor of Science in Applied Science Program with a concentration in hospitality management.

### Program Entrance Requirements

To be admitted to the Industrial Management Technology Program, a student must:

1. Present a copy of the PSAV certificate of completion awarded by MTI to SCF’s director of career and technical education; and
2. Complete one of the required courses listed below with a grade of “C” or better.

### General Academic Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Written Communication II</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1106</td>
<td>Topics in Mathematics OR</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1107</td>
<td>Liberal Arts Mathematics OR</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>9</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

### Program Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2021C</td>
<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>ACG 2071*</td>
<td>Principles of Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023*</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>19</strong></td>
</tr>
</tbody>
</table>

### Credit from MTI and SCTI Industrial Program in Commercial Foods and Culinary Arts:

Basic soups, stocks and sauces; fruit and vegetable preparations; meat, fish and poultry operations; desserts and bread-baking; menu-planning, food costs and catering; dining room operations; sanitation and equipment safety operation; customer relations, employability and entrepreneurship skills; and On-the-Job Training (OJT).

| **Total** | | **20** |

---

* Prerequisite may be required  
** A grade of “C” or better must be attained for all courses taken for this degree.
Computer Science

Associate in Science Degree in
COMPUTER INFORMATION ADMINISTRATOR
(63 Term Hours)

Program Goal:
The purpose of this program is to prepare students for employment in the areas of specialization for these job titles:
1) Computer Information Technology: microcomputer hardware support specialist, consultant or trainer, hardware or software salesperson, technical support specialist, Web master, Web designer;
2) Computer Programming and Analysis: entry level programmer, programming specialist, program analyst, system analyst trainee;
3) Network Administration and Security: network technician, network manager, network analyst, network engineer, network administrator, security specialist, telecommunication specialist, network support technician, Cisco field-support technician.

Program Entrance Requirements
To be admitted to the Computer Information Administrator Program, a student must have:
1. Achieved a level of mathematics proficiency which qualifies the student for entry into MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at State College of Florida, Manatee-Sarasota (SCF);
2. Achieved a level of English and reading proficiency which qualifies the student for entry into ENC 1101 or higher, as demonstrated by the standard placement criteria currently in use at SCF; and
3. Successfully completed Computer Information Systems (CGS 1000) with a grade of “C” or better.

Program Specializations:

Academic Core Courses: All Specializations**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics+</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics OR</td>
<td>3</td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business OR</td>
<td>3</td>
</tr>
<tr>
<td>APA 1111</td>
<td>Introduction to Accounting or higher</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102*</td>
<td>Written Communication II OR</td>
<td>3</td>
</tr>
<tr>
<td>ENC 2210</td>
<td>Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>COP 2510</td>
<td>Programming Concepts</td>
<td>3</td>
</tr>
<tr>
<td>CTS 1300</td>
<td>Networking and Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>COP 2170*</td>
<td>Visual BASIC Programming</td>
<td>4</td>
</tr>
<tr>
<td>CET 1600</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>CTS 1150</td>
<td>Microcomputer Hardware and Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>CIS 2321</td>
<td>Introduction to Systems Analysis and Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal 40

* Prerequisite may be required.
** A grade of "C" or better must be attained for all courses for this degree/specializations.
+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 or MAD 2104 in place of the A.S. degree program’s minimum mathematics requirement. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Computer Information Administrator—continued next page
### Computer Information Technology **
**Program Specialization**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 1570*</td>
<td>Integrated Business Applications Software</td>
<td>3</td>
</tr>
<tr>
<td>CGS 2820C</td>
<td>Web Page Development</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1543*</td>
<td>Database Design and Implementation</td>
<td>3</td>
</tr>
<tr>
<td>CIS 2931</td>
<td>Current Issues in Computing OR</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1949</td>
<td>Internship in Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CIS 1355</td>
<td>Security Engineering</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose from CAP, CDA, CGS, CEN, CET, CIS, COP, CTS, EET, GRA 1100C, OST 1110, OST 1100, SLS 1350</td>
<td>8</td>
</tr>
</tbody>
</table>

Subtotal 23

TOTAL 63

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### Network Administration and Security **
**Program Specialization**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CET 2792*</td>
<td>Support Windows Server</td>
<td>3</td>
</tr>
<tr>
<td>CET 2794*</td>
<td>Support Active Directory Services in a Windows Server Network</td>
<td>3</td>
</tr>
<tr>
<td>CET 1610</td>
<td>Router Technology</td>
<td>3</td>
</tr>
<tr>
<td>CIS 1355</td>
<td>Security Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CIS 2352</td>
<td>Ethical Hacking</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose from CIS 2931, CTS 1437, CTS 2433, CGS 1543, CGS 2820C, CGS 1949, CIS 2330, and/or any Networking CET, Networking CEN, Networking CIS or Networking CTS course</td>
<td>8</td>
</tr>
</tbody>
</table>

Subtotal 23

TOTAL 63

---

### Computer Programming and Analysis **
**Program Specialization**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 1355</td>
<td>Security Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1543*</td>
<td>Database Design and Implementation</td>
<td>3</td>
</tr>
<tr>
<td>COP 2250C</td>
<td>Java Programming I</td>
<td>4</td>
</tr>
<tr>
<td>COP 2805C</td>
<td>Java Programming II OR</td>
<td></td>
</tr>
<tr>
<td>COP 2224C</td>
<td>C++ Programming I</td>
<td>3-4</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose from COP, CET 1610, CIS 2931, CTS 2433, CGS 2820</td>
<td>9-10</td>
</tr>
</tbody>
</table>

Subtotal 22-24

TOTAL 62-64

---

* Prerequisite may be required.

** A grade of "C" or better must be attained for all courses for this degree/specializations.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.

A related certificate also is offered. See certificate listing.
Construction Management

Associate in Science Degree in
CONSTRUCTION MANAGEMENT TECHNOLOGY ARTICULATED [1739]
(67 Term Hours)

Program Goal:
This program is designed to prepare students for employment as construction project managers, project estimators, superintendents, schedulers and/or construction purchasing agents. The focus of the program is to provide students with broad transferrable skills, understanding and demonstration of the basic elements of construction management including: planning; basic principles of business, management and finance; the technical aspects of the construction industry; materials and methods; reading blueprints; estimating quantities of materials; procuring materials; scheduling and working in a general construction environment.

The program articulates with the Everglades University Bachelor of Science degree program with a major in construction management.

General Academic Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Written Communication II</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>AML 2010</td>
<td>American Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1107</td>
<td>Liberal Arts Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>POS 1041</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>BSC 1007C</td>
<td>Introduction to Biology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>**Total</td>
<td></td>
<td>34</td>
</tr>
</tbody>
</table>

Program Core Courses, all specializations**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCN 1251C</td>
<td>Construction Drafting I</td>
<td>4</td>
</tr>
<tr>
<td>BCN 2230</td>
<td>Building Construction Materials and Methods</td>
<td>4</td>
</tr>
<tr>
<td>BCT 2760</td>
<td>Building Codes and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>BCT 2770</td>
<td>Building Construction Estimating</td>
<td>3</td>
</tr>
<tr>
<td>BCT 1720</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>ETD 1320C</td>
<td>Introduction to AutoCAD</td>
<td>3</td>
</tr>
<tr>
<td>EET 1033C</td>
<td>Fundamentals of DC/AC Circuits</td>
<td>4</td>
</tr>
<tr>
<td>MAN 2021</td>
<td>Principles of Management and Organization</td>
<td>3</td>
</tr>
<tr>
<td>FIN 2001</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>ETD 2930C</td>
<td>Selected Topics in Technology</td>
<td>3</td>
</tr>
<tr>
<td>**Total</td>
<td></td>
<td>33</td>
</tr>
</tbody>
</table>

Program Director
Adrienne Gould-Chouquette
941-752-5281 Bradenton
941-408-1300, ext. 65281 Venice
gouldca@scf.edu

** A grade of "C" or better must be attained for each core course and the courses meeting the general education requirements for this degree.
Construction Management

Associate in Science Degree in
CONSTRUCTION MANAGEMENT TECHNOLOGY [2039]
(67 Term Hours)

Program Goal: This program is designed to prepare students for employment as construction project managers, project estimators, superintendents, schedulers and/or construction purchasing agents. The focus of the program is on providing students with broad transferrable skills, understanding and demonstration of the basic elements of construction management: planning, basic principles of business, management and finance; and the technical aspects of the construction industry, including materials and methods, reading blueprints, estimating quantities of materials, procuring materials, scheduling and working in a general construction environment; with an environmentally conscientious, sustainable, “green” building perspective.

Program Entrance Requirements

To be admitted to the Construction Management Technology Degree Program, a student must have:

1. Achieved a level of mathematics proficiency that qualifies the student for entry into +MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at SCF; and

2. Achieved a level of English and reading proficiency that qualifies the student for entry into ENC 1101 or higher, as demonstrated by the standard placement criteria currently in use at SCF.

General Academic Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>APA 1111</td>
<td>Introduction to Accounting</td>
<td>3</td>
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<td>Total</td>
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Program Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCN 1251C</td>
<td>Construction Drafting I</td>
<td>4</td>
</tr>
<tr>
<td>BCN 2230</td>
<td>Building Construction Materials and Methods</td>
<td>4</td>
</tr>
<tr>
<td>BCT 2770</td>
<td>Building Construction Estimating</td>
<td>3</td>
</tr>
<tr>
<td>BCT 1720</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>BCT 2760</td>
<td>Building Codes and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>BUL 2131</td>
<td>Legal Environments of Business</td>
<td>3</td>
</tr>
<tr>
<td>ETI 1701</td>
<td>Industrial Safety</td>
<td>3</td>
</tr>
<tr>
<td>SUR 2100C</td>
<td>Topographic Drafting and Surveying</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
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</table>

Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from BCN 1057, BCN 1554, BCN 1592, BCN 1597, BCN 2046, ETP 1511</td>
<td>9 minimum</td>
<td></td>
</tr>
<tr>
<td>Any MAN</td>
<td></td>
<td>3-6</td>
</tr>
<tr>
<td>Any ACG</td>
<td></td>
<td>3-6</td>
</tr>
<tr>
<td>Remaining credits from: BCN, BCT, EET, EGS, EST, ETC, ETD, ETI, ETG, ISC, SUR</td>
<td>0-7</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>22</td>
</tr>
</tbody>
</table>

** A grade of "C" or better must be attained for all courses taken for this degree.
+ Students may elect to earn an SCF A.A.S. degree if they complete MTB 1321 in place of the A.S. degree program's minimum mathematics requirement (2539). Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director or career and technical education for more information.

Note: This degree articulates to SCF’s Energy Technology Management for a Bachelor’s in Applied Science degree.
Program Goal:
To prepare the student for employment in law enforcement, corrections and other public and private sector related fields.

Program Entrance Requirements
To be admitted into the Criminal Justice Technology Program, a student must have:
1. A standard high school diploma.
2. Achieved a level of mathematics proficiency which qualifies the student for entry into +MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at State College of Florida, Manatee-Sarasota (SCF); and
3. Achieved a level of English and reading proficiency which qualifies the student for entry into ENC 1101 or higher, as demonstrated by the standard placement criteria currently in use at SCF.

General Academic Courses
Students may take these courses at any time during their program of study.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101**</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>POS 1041</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>General Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SYG 1000**</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.**</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Humanities**</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics++</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>SLS 1350</td>
<td>Job Marketing Skills</td>
<td>1</td>
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<td>**</td>
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<td>Total 22</td>
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Program Core Courses**
Please consult the course description section of the Catalog for any prerequisites.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ 1020</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJE 1300</td>
<td>Police Administration and Organization</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 2010</td>
<td>Introduction to Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJI 2002</td>
<td>Juvenile Delinquency and Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>CJE 2600</td>
<td>Criminal Investigations</td>
<td>3</td>
</tr>
<tr>
<td>CJL 2100</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 1600</td>
<td>Deviant Behavior</td>
<td>3</td>
</tr>
<tr>
<td>CJE 1000</td>
<td>Introduction to Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>CJL 1000</td>
<td>Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJE 2640</td>
<td>Criminalistics I</td>
<td>3</td>
</tr>
<tr>
<td>CJL 2130</td>
<td>Criminal Evidence and Procedures</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td></td>
<td>Total 33</td>
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</tbody>
</table>

Program Electives
Choose from outside Criminal Justice area 9

This program is offered through SCF with articulation opportunities available through Sarasota County Technical Institute (SCTI) and Manatee Technical Institute (MTI). See Criminal Justice Program manager for advisement.

** A grade of “C” or better must be attained for each core course and the courses meeting the general education requirements for this degree.

+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 or QMB 1001 in place of the A.S. degree program’s minimum mathematics requirement [2514]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Students must take the Major Field Test for Criminal Justice as a requirement for graduation.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.
Education

Associate in Science Degree in
EARLY CHILDHOOD EDUCATION [2009]
(63 Term Hours)

Program Goal:
To prepare students for immediate employment as child development center teachers or managers, early intervention associates, child development curriculum coordinators, infant/toddler teachers or preschool teachers. This program prepares the student to assume primary responsibility for long-range planning for the care, education and guidance of young children. Supplementary training for persons previously or currently employed in these occupations also is provided. This program transfers to the University of South Florida Bachelor of Science in Applied Science Program with concentration in early childhood development.

Program Entrance Requirements
To be admitted into the Early Childhood Education Degree Program*, a student must have:

1. A standard high school diploma.
2. Achieved a level of mathematics proficiency which qualifies the student for entry into +MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at State College of Florida, Manatee-Sarasota (SCF).
3. Achieved a level of English and reading proficiency which qualifies the student for entry into ENC 1101 or higher, as demonstrated by the standard placement criteria currently in use at SCF and
4. Successfully completed Introduction to Early Childhood Education (EEC 1000) with a grade of “C” or better.

General Academic Courses**
Students may take these courses at any time during their program of study.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics+</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Intro. to Technology for Educators</td>
<td>3</td>
</tr>
<tr>
<td>HSC 2401</td>
<td>Emergency First Aid and CPR</td>
<td>3</td>
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</table>

Total 18

Plus One Specialization Area
12 credits must be completed from courses within one specialization area.

<table>
<thead>
<tr>
<th>Preschool Teacher</th>
<th>Family Child Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 1312</td>
<td>EEC 1312</td>
</tr>
<tr>
<td>EEC 2217</td>
<td>EEC 2217</td>
</tr>
<tr>
<td>EDF 1005 or EEC 2226</td>
<td>EEC 2527, EEC 2520 or EEC 2202</td>
</tr>
<tr>
<td>EEC 2002</td>
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<tr>
<td>12 credits</td>
<td>12 credits</td>
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Child Development Center Management

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 2202</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>EEC 2520</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EEC 2527</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EEC 2002</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 credits</td>
<td></td>
<td></td>
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</tbody>
</table>

After School Teachers & Paraeducators

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 1004</td>
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<tr>
<td>EDF 1001</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>EDE 2221</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>EEC 2226</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Total 33

Program Core Courses**
Please consult the course description section of the Catalog for any prerequisites.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 1000</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>EEC 1601</td>
<td>Observing and Recording Children’s Behavior</td>
<td>3</td>
</tr>
<tr>
<td>EDF 1030</td>
<td>Effective Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDF 2085</td>
<td>Intro. to Diversity for Educators + Field Exp.</td>
<td>3</td>
</tr>
<tr>
<td>EEC 2401</td>
<td>Family Interactions and Cultural Continuity</td>
<td>3</td>
</tr>
<tr>
<td>EXE 2010</td>
<td>Introduction to Exceptional Learners</td>
<td>3</td>
</tr>
<tr>
<td>EEC 1001</td>
<td>Early Childhood Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Choose from EDF, EDG, EEC program courses</td>
<td>6</td>
</tr>
<tr>
<td>EEC 1319</td>
<td>Portfolio Development and Performance Obs.</td>
<td>3</td>
</tr>
<tr>
<td>EDG 2949</td>
<td>Internship in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 66

Program Director
Dr. Kathryn Stuckey
941-363-7265 Lakewood Ranch
941-408-1300, ext. 67265 Venice
stuckek@scf.edu

Students who want the Florida Child Care Professional Certificate must complete EEC 1000, EDF 1319, EEC 1001 and EEC 1601 and register with SCF’s corporate and community development at 941-363-7203.

Students who want the National CDA (Child Development Associate) Credential must complete EEC 1000, EEC 1001, EEC 1601 and EEC 1319 and apply to the National Council for Early Childhood Recognition to complete the credentialing process. The Council’s number is 1-800-424-4310.

Students who need to meet the Department of Children and Families requirement for the Foundation Level Director Credential must complete EEC 2002. The courses that meet the DCF Advanced Level Director Credential requirement are EEC 2202, EEC 2527 and EEC 2520.

* A grade of “C” or better must be attained for each course taken for this degree.
+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 in place of the A.S. degree program’s minimum mathematics requirement (2509).
Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.

** A related certificate also is offered. See certificate listing.
Engineering Technology
Associate in Science Degree in
ENGINEERING TECHNOLOGY [2040]
(60 Term Hours)

Program Goal:
The purpose of this program is to prepare students for employment in engineering technology and related occupations. The program also provides updated training for incumbent workers employed as production technicians in manufacturing, electronics, industrial design, biomedical and related industries. The degree has a specialization in alternative energy and four college credit certificates: engineering support specialist, alternative energy, electronics, and digital design and modeling. Eighteen hours of the engineering technology core have been aligned with the Manufacturing Skills Standard Council’s (MSSC) industry certification.

Program Entrance Requirements
To be admitted to the Engineering Technology Degree Program, a student must have:
1. Achieved a level of mathematics proficiency that qualifies the student for entry into +MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at SCF; and
2. Achieved a level of English and reading proficiency that qualifies the student for entry into ENC 1101 or higher, as demonstrated by the standard placement criteria currently in use at SCF.

General Academic Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2600</td>
<td>Applied Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
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Engineering Technology Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETI 1130C</td>
<td>Instrumentation</td>
<td>3</td>
</tr>
<tr>
<td>ETI 1110</td>
<td>Quality Assurance</td>
<td>3</td>
</tr>
<tr>
<td>ETI 2411</td>
<td>Manufacturing Processes</td>
<td>3</td>
</tr>
<tr>
<td>ETD 1320C</td>
<td>Introduction to AutoCAD</td>
<td>3</td>
</tr>
<tr>
<td>EET 1084</td>
<td>Introduction to Electronics</td>
<td>3</td>
</tr>
<tr>
<td>ETI 1701</td>
<td>Industrial Safety</td>
<td>3</td>
</tr>
<tr>
<td>BCN 1597</td>
<td>Introduction to Solar Energy</td>
<td>3</td>
</tr>
<tr>
<td>BCN 2046</td>
<td>Sustainable Florida</td>
<td>3</td>
</tr>
<tr>
<td>ENC 2210</td>
<td>Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>27</strong></td>
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Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from: BCN 1057, BCN 1554, BCN 1592, ETP 1511</td>
<td>6 minimum</td>
<td></td>
</tr>
<tr>
<td>Select remaining credits from: BCN, BCT, EET, EGS, EST, ETD, ETG, ETP, SUR</td>
<td>3-9</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td><strong>15</strong></td>
</tr>
</tbody>
</table>

Program Director
Adrienne Gould-Choquette
941-752-5281 Bradenton
941-408-1300, ext. 65281 Venice
gouldca@scf.edu

** A grade of “C” or better must be attained for all courses taken for this degree.
+ Students may elect to earn an SCF A.A.S. degree if they complete MTB 1321 in place of the A.S. degree program’s minimum mathematics requirement (2540). Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.

Related certificates also are offered. See certificate programs listing.

Note: This degree articulates to SCF’s Energy Technology Management for a Bachelor’s in Applied Science degree. An A.S. degree in this field will transfer to Daytona State College toward the B.S. in Engineering Technology.
Associate in Science Degree in
FILM PRODUCTION TECHNOLOGY [2031]
(64 Term Hours)

Program Goal:
To prepare qualified artists, journalists and communicators who can manipulate the latest technology and procedures for media presentations. Skills learned include components and construction of narrative and documentary video/film production, digital audio/video design, broadcasting and Internet programming, with special applications for outlets utilizing multimedia components for display and sales.

Program Entrance Requirements
In addition to the admission requirements of the College, the following are required for admission to the Film Production Technology Program:

1. Mathematics proficiency which qualifies the student for entry into +MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at State College of Florida, Manatee-Sarasota (SCF); and
2. Successful completion of GRA 1100C, FIL 1000, and ENC 1101 with a grade of “C” or better.

General Academic Courses
Students may take these courses at any time during their program of study.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101**</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics+**</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.**</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>Humanities**</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000**</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>MMC 2700</td>
<td>Mass Media and Pop Culture</td>
<td>3</td>
</tr>
<tr>
<td>MMC 2100</td>
<td>Writing for Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>FIL 1420</td>
<td>Introduction to Film Production I</td>
<td>3</td>
</tr>
<tr>
<td>FIL 1030</td>
<td>History of Motion Pictures</td>
<td>3</td>
</tr>
<tr>
<td>MMC 2000</td>
<td>Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>MMC 1949</td>
<td>Career Decision Work Experience Mass Communications OR</td>
<td>3</td>
</tr>
<tr>
<td>FIL 1949</td>
<td>Career Decision Work Experience in Film</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Any course with GRA prefix</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>36</strong></td>
</tr>
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</table>

Program Core Courses**
Please consult the course description section of the Catalog for any prerequisites.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 1007</td>
<td>Foundations of Story</td>
<td>3</td>
</tr>
<tr>
<td>FIL 1000</td>
<td>Introduction to Film and Television</td>
<td>3</td>
</tr>
<tr>
<td>GRA 1100C</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>FIL 2949</td>
<td>Internship in Film OR</td>
<td>3</td>
</tr>
<tr>
<td>MMC 2949</td>
<td>Internship in Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>FIL 2571</td>
<td>Post Production</td>
<td>3</td>
</tr>
<tr>
<td>FIL 1537</td>
<td>Audio Design</td>
<td>3</td>
</tr>
<tr>
<td>FIL 2920</td>
<td>Business Applications for Film</td>
<td>1</td>
</tr>
<tr>
<td>FIL 2580</td>
<td>Film Style Production OR</td>
<td>3</td>
</tr>
<tr>
<td>FIL 2423</td>
<td>Foundations of Production</td>
<td>3</td>
</tr>
<tr>
<td>RTV 1241</td>
<td>Basic Television Production</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose 3 credits: GRA 2160C, 2826C, FIL 2100, 2835</td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>28</strong></td>
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</tbody>
</table>

Program Manager
Del Jacobs
941-752-5251 Bradenton
941-408-1300, ext. 65251 Venice
jacobsd@scf.edu

An A.S. degree in Film Production Technology requires successful completion of 64 credit hours and a final GPA of 2.5 or higher.

** A grade of “C” or better must be attained for each core course and the courses meeting the general education requirements for this degree.

+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 in place of the A.S. degree program’s minimum mathematics requirement [2531]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.
A grade of “C” or better must be attained for all courses taken for this degree.

+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 or QMB 1001 in place of the A.S. degree program’s minimum mathematics requirement [2516]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

A related certificate also is offered. See certificate listing.
Graphic Design

Associate in Science Degree in
GRAPHIC DESIGN TECHNOLOGY [2033]
(64 Term Hours)

Program Goal:
The graphic design technology program offers a curriculum based on a combination of basic design principles and the latest technology. Instruction is distributed between both print and Web design and their respective industry applications. Focus is placed on preparing the student for immediate employment in the field of graphic design.

Program Entrance Requirements
In addition to the admission requirements of the College, the following are requirements for admission to the Graphic Design Technology Program:

1. Mathematics proficiency which qualifies the student for entry into MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at State College of Florida, Manatee-Sarasota (SCF); and
2. Successful completion of GRA 1100C with a grade of "C" or better.

General Academic Courses
Students may take these courses at any time during their program of study.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101**</td>
<td>Written Communication I</td>
<td>3</td>
<td>GRA 1100C</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics**</td>
<td>Choose from Area II, A.S.</td>
<td></td>
<td>GRA 2190C</td>
<td>Graphic Design Basics</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.**</td>
<td>Choose from Area III, A.S.</td>
<td>3</td>
<td>GRA 1206C</td>
<td>Typography</td>
<td>3</td>
</tr>
<tr>
<td>Humanities**</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
<td>GRA 2152C</td>
<td>Computer Image Making</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000**</td>
<td>Computer Information Systems</td>
<td>3</td>
<td>GRA 2121C</td>
<td>Communication Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 1300C</td>
<td>Drawing I</td>
<td>3</td>
<td>GRA 2122C</td>
<td>Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td>GRA 1203C</td>
<td>Digital Pre-Press OR</td>
<td>3</td>
<td>GRA 2425</td>
<td>Business Applications for Graphic Designers</td>
<td>1</td>
</tr>
<tr>
<td>CGS 2820C</td>
<td>Web Page Development</td>
<td>3</td>
<td>GRA 2950C</td>
<td>Professional Practices</td>
<td>3</td>
</tr>
<tr>
<td>PGY 1800C</td>
<td>Digital Imaging</td>
<td>3</td>
<td>GRA 2949</td>
<td>Graphic Design Internship</td>
<td>3</td>
</tr>
<tr>
<td>ART 1205C</td>
<td>Color Fundamentals</td>
<td>3</td>
<td>GRA 2721C</td>
<td>Web Design</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose 6 credits—any combination of courses</td>
<td>6</td>
<td>GRA 2160C</td>
<td>Web Interactivity</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Total 33</td>
<td></td>
<td></td>
<td>Total 31</td>
<td></td>
</tr>
</tbody>
</table>

Program Core Courses**
Please consult the course description section of the Catalog for any prerequisites.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRA 1203C</td>
<td>Digital Pre-Press OR</td>
<td>3</td>
</tr>
<tr>
<td>CGS 2820C</td>
<td>Web Page Development</td>
<td>3</td>
</tr>
<tr>
<td>PGY 1800C</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>ART 1205C</td>
<td>Color Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose 6 credits—any combination of courses</td>
<td>6</td>
</tr>
</tbody>
</table>

** A grade of "C" or better must be attained for each core course and the courses meeting the general education requirements for this degree.
+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 in place of the A.S. degree program’s minimum mathematics requirement [2533]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.
**Health Professions**

**DENTAL HYGIENE**

Associate in Science Degree [2029]

(88 Term Hours)

**Program Goal:**
The Dental Hygiene Program prepares graduates to become licensed dental hygienists who promote optimum oral health for individuals and groups of individuals through preventive education and clinical and therapeutic services. Graduates of the Dental Hygiene Program will be awarded an Associate in Science degree and will be educationally qualified to take the Dental Hygiene National Board Examination and Florida state licensing examination, both of which are required for licensure in the state of Florida. The Dental Hygiene Program is accredited without reporting by the Commission on Dental Accreditation of the American Dental Association (CODA) located at 211 East Chicago Ave., Chicago, Illinois 60611-2678. CODA’s phone number is (312) 440-2500.

**Program Entrance Requirements**
In addition to the admission requirements of the College, the following are requirements for admission into the Dental Hygiene Program:

1. Earned grade point average (GPA) of 2.75 or better in **ALL** general education courses required by the program toward the degree, and a minimum overall GPA of 2.0 to meet graduation requirements.

2. Satisfactory completion of any remedial coursework needed to be eligible for college level courses.
   **NOTE:** Prerequisite courses may be required for ENC 1101 and mathematics requirement. These prerequisites **MUST** be taken **PRIOR** to entry into the Dental Hygiene Program. Consult the course descriptions in the back of the Catalog or the specific department of the College for additional information.

3. **Prerequisite courses must be completed** with a grade of “C” or better by the end of the Fall term prior to the year to which you are applying.
   
   **Prerequisite courses:**
   - BSC 2085C Anatomy and Physiology I
   - CHM 1022C Chemistry for Everyday Life
   - Any Mathematics, Area II, A.S. MAC 1105 College Algebra OR STA 2023 Elementary Statistics preferred

4. A minimum grade of “C” is required for all courses applied toward the dental hygiene degree.

5. A completed application for the Dental Hygiene Program with supporting documentation of residence and the nonrefundable application fee of $20. (A separate application is required for admission to the College.)

**Upon acceptance, the following are required:**

1. A statement of satisfactory physical and mental health and a record of current serum titers verifying immunity from communicable diseases. This form will be provided upon notification of admission and must be completed by a licensed physician or nurse practitioner.

2. A criminal background check (form to be provided) and drug screen.

3. Successful completion of Basic Life Support for the Health Care Provider (American Heart Association) CPR course. To assure that certification remains valid throughout the duration of the program, this course must be taken no earlier than mid-June of the first semester. CPR courses are offered through the State College of Florida, Manatee-Sarasota (SCF) Center for Corporate and Community Development.

4. Mandatory attendance at the Dental Hygiene Program orientation. (Date to be announced)

5. Completion of 16 hours of observation, volunteer service or work experience in dentistry. Verification by a signed statement from a dentist or dental hygienist is required.

Students are admitted to the Dental Hygiene Program once a year with classes beginning in the Summer A term. This is a **limited** enrollment program. Completion of all or part of the general academic courses required for the degree does not guarantee acceptance into the program. However, **priority** is given to applicants who have completed the most required hours of coursework toward the degree, at the time of application, and submit their application during the priority period. If there are more qualified applicants than seats available in the program, the primary criteria for selection will be the GPA of the general education courses required by the program. The secondary selection criteria will be the overall college GPA. After the priority period, applications will be accepted on a space-available basis.

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*Dental Hygiene—continued next page*
### General Academic Courses

Students are encouraged to complete as many of the general academic courses as possible **BEFORE** entering the Dental Hygiene Program to ease their academic load during the program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2085C*</td>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2086C</td>
<td>Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>CHM 1022C*</td>
<td>Chemistry for Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Choose from Area II, A.S.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(MAC 1105*, College Algebra or STA 2023, Elementary Statistics preferred)</td>
<td>3</td>
</tr>
<tr>
<td>MCB 2010C</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>HUN 2201</td>
<td>Fundamentals of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td></td>
</tr>
</tbody>
</table>

**Total 36**

### Dental Hygiene Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEH 1000</td>
<td>Introduction to Dental Hygiene</td>
<td>2</td>
</tr>
<tr>
<td>DES 1010C</td>
<td>Oral Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>DES 1200C</td>
<td>Dental Radiography</td>
<td>3</td>
</tr>
<tr>
<td>DEH 1002C</td>
<td>Introduction to Clinical Procedures</td>
<td>6</td>
</tr>
<tr>
<td>DES 1100C</td>
<td>Dental Materials</td>
<td>3</td>
</tr>
<tr>
<td>DEH 1130</td>
<td>Oral Embryology and Histology</td>
<td>1</td>
</tr>
<tr>
<td>DEH 1800C</td>
<td>Clinical Dental Hygiene I</td>
<td>6</td>
</tr>
<tr>
<td>DEH 2300</td>
<td>Pharmacology and Pain Control</td>
<td>2</td>
</tr>
<tr>
<td>DEH 2802C</td>
<td>Clinical Dental Hygiene II</td>
<td>5</td>
</tr>
<tr>
<td>DEH 2602</td>
<td>Periodontology</td>
<td>2</td>
</tr>
<tr>
<td>DEH 2400</td>
<td>General and Oral Pathology</td>
<td>2</td>
</tr>
<tr>
<td>DEH 2804C</td>
<td>Clinical Dental Hygiene III</td>
<td>7</td>
</tr>
<tr>
<td>DEH 2702C</td>
<td>Community Dental Health</td>
<td>3</td>
</tr>
<tr>
<td>DEH 2806C</td>
<td>Clinical Dental Hygiene IV</td>
<td>7</td>
</tr>
</tbody>
</table>

**Total 52**

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*These courses **MUST** be completed **PRIOR** to entry into the Dental Hygiene Program

**NOTE:** This A.S. program follows state-approved requirements for articulation into one or more state university B.S. degree programs which may require additional courses.

For a more detailed description of the Dental Hygiene Program, please access the program’s website at: scf.edu/DentalHygiene.

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**Program Director**

Anita Weaver  
941-752-5245, Bradenton  
941-408-1300, ext. 65245 Venice  
dentalhygiene@scf.edu
Health Professions

Associate in Science Degree in
EMERGENCY MEDICAL SERVICES [2038]
(73 Term Hours)

Program Goal:
To prepare students who have gained competency in the technical institute's Applied Technology Diploma (ATD) in Basic Emergency Medical Technology and the Paramedic Certificate to acquire an Associate in Science degree in Emergency Medical Services (EMS). The EMS degree is designed to provide a career option that includes work in an administrative, advanced clinical or educational setting. Workplace environments for degree completers include: EMS services, hospital emergency departments, industrial health and safety departments, and public safety agencies.

This is an articulated program between Manatee Technical Institute (MTI), Sarasota County Technical Institute (SCTI) and State College of Florida, Manatee-Sarasota (SCF). Students who have completed the Basic Emergency Technician ATD consisting of 250 hours and the Paramedic Certificate consisting of 1,100 hours, at MTI or SCTI, and the required general academic courses and the emergency medical services core courses at SCF, will be awarded an Associate in Science degree.

Program Entrance Requirements
In addition to the general admission requirements of the College, the student must:
1. Present copies of the ATD and certificates of completion to the SCF director of career and technical education; and
2.Complete 15 term hours of the general academic courses listed below with a grade of “C” or better.

<table>
<thead>
<tr>
<th>General Academic Courses**</th>
<th>Emergency Medical Services Core Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course</td>
<td>Description</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Communication</td>
</tr>
<tr>
<td>Mathematics+</td>
<td>Choose from Area II, A.S.</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.S.</td>
</tr>
<tr>
<td>BSC 2085C</td>
<td>Anatomy and Physiology I</td>
</tr>
<tr>
<td>BSC 2085L</td>
<td>Anatomy and Physiology Lab</td>
</tr>
<tr>
<td>Total</td>
<td>19</td>
</tr>
</tbody>
</table>

Program Co-Directors
Judith Bodenweiser, Chair, Natural Science
941-752-5341, Bradenton
941-408-1300, ext. 65341 Venice
bodenwj@scf.edu

Dr. Idelia Phillips, Director, Career and Technical Education
941-752-5218, Bradenton
941-408-1300, ext. 65218, Venice
phillii@scf.edu

** A grade of “C” or better must be attained for the courses meeting general education requirements for this degree.

+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 in place of the A.S. degree program's minimum mathematics requirement [2538]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.
Program Goal:
Graduates of the program are eligible to take the National Council Licensure Examination (NCLEX-RN) to become licensed as a registered nurse.

The Nursing Program is approved by the Florida Board of Nursing and is accredited by the National League for Nursing Accrediting Commission located at 3343 Peachtree Rd., NE, Suite 500, Atlanta, GA 30326. NLNAC’s phone number is (404) 975-5000.

Program Entrance Requirements (Prerequisites - application requirements)
1. A cumulative grade point average (GPA) of 3.00 or better in the following prerequisite courses, and successful completion of a nursing entrance test at the required level, are required to make an application to the Nursing Program.

Prerequisite courses:
- **BSC 2085C**: Anatomy and Physiology I with lab
- **BSC 2086C**: Anatomy and Physiology II with lab
- **ENC 1101**: Written Communication I
- **Mathematics**: Any Area II, A.A. mathematics course, MAC 1105 College Algebra OR STA 2023 Elementary Statistics preferred

Additional General Academic Requirements
2. In addition to the program entrance requirements (prerequisites and testing), students are strongly encouraged to complete as many of the general academic requirements, listed below, PRIOR to entry into the nursing program to ease their academic load. An overall and cumulative GPA of 2.75 or better is required in prerequisite and additional general academic courses. A grade of “C” or better is required for all coursework for the Nursing Program.

Additional General Academic Courses:
- **DEP 2004**: Human Development: Life Span
- **ENC 1102**: Written Communication II
- **Humanities**: Any Area IV, A.A. humanities course
- **MCB 2010C**: Microbiology with lab
- **PSY 2012**: General Psychology

3. A completed Nursing Program application with the appropriate fee, submitted during the posted application period - dates are posted at scf.edu/Nursing. (A separate application is required for admission to the College.)

Upon acceptance, the following are required:
1. A statement of satisfactory physical and mental health from a licensed physician or nurse practitioner. (Form to be provided.)
2. Completion of required immunizations (form to be provided).
3. A criminal background check (form to be provided) and drug screen.
4. Successful completion of the American Heart Association’s CPR for the Health Care Provider with AED.

This program is offered during the fall and spring semesters. The program is a limited enrollment program with a selective admission process that is based upon the student’s GPA and completion of prerequisites (including testing) and additional general academic practices.

Licensure Requirement
Any student who has been convicted, had adjudication withheld, or has criminal charges pending other than a minor traffic violation will need to obtain approval from the Florida Board of Nursing (or another state’s board) for permission to take the licensure examination upon completion of the SCF Nursing Program.
Nursing Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 1023</td>
<td>Nursing Process I</td>
<td>8</td>
</tr>
<tr>
<td>NUR 1141</td>
<td>Pharmacology I</td>
<td>2</td>
</tr>
<tr>
<td>NUR 1730</td>
<td>Nursing Process II</td>
<td>10</td>
</tr>
<tr>
<td>NUR 1142</td>
<td>Pharmacology II</td>
<td>1</td>
</tr>
<tr>
<td>NUR 2731C</td>
<td>Nursing Process III</td>
<td>10</td>
</tr>
<tr>
<td>NUR 2732C</td>
<td>Nursing Process IV</td>
<td>9</td>
</tr>
<tr>
<td>NUR 2813</td>
<td>Nursing Seminar</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>42</strong></td>
</tr>
</tbody>
</table>

Applications and additional information are available on the Nursing website: scf.edu/Nursing.

Students seeking transfer into the Associate in Science Nursing Program who have completed nursing courses at another accredited institution, should contact the nursing department at scfnursing@scf.edu.

For RN to B.S.N. information, please contact rn2bsn@scf.edu or refer to page 112.

**NOTE:** This A.S. program follows state-approved requirements for articulation into one or more state university B.S. degree programs and may require additional courses.
NURSING TRANSITION PROGRAM
Associate in Science Degree (Articulated to B.S. Degree) [2025]
(72 Term Hours)

Program Goal:
Graduates of the program are eligible to take the National Council Licensure Examination (NCLEX-RN) to become licensed as a registered nurse.

The Nursing Program is approved by the Florida Board of Nursing and is accredited by the National League for Nursing Accrediting Commission located at 3343 Peachtree Rd., NE, Suite 500, Atlanta, GA 30326. NLNAC’s phone number is (404) 975-5000.

Transition Program for Licensed Practical Nurses
The Transition Program is specifically for qualified Licensed Practical Nurses (LPN). It is designed to allow the LPN who demonstrates current knowledge and skills so that advanced standing may be attained without unnecessary duplication of course content and experiences. Upon successful completion of the transition course (NUR 2703C), a six (6) credit hour course, and Pharmacology II (NUR 1142), students will be given advanced placement credit for the first year of the Associate in Science Nursing (ASN) Program and will enter into the sophomore year.

Program Entrance Requirements (Prerequisites - application requirements)
1. A cumulative grade point average (GPA) of 3.00 or better in the following prerequisite courses, and successful completion of a nursing entrance test at the required level, are required to make an application to the Nursing Program.

Prerequisite courses:
- BSC 2085C Anatomy and Physiology I with lab
- BSC 2086C Anatomy and Physiology II with lab
- ENC 1101 Written Communication I
- Mathematics Any Area II, A.S. mathematics course, MAC 1105 College Algebra OR STA 2023 Elementary Statistics preferred

Additional General Academic Requirements
2. In addition to the program entrance requirements (prerequisites and testing), students are strongly encouraged to complete as many of the general academic requirements, listed below, PRIOR to entry into the Nursing Program to ease their academic load. An overall and cumulative GPA of 2.75 or better is required in prerequisite and additional general academic courses. A grade of “C” or better is required for all coursework for the Nursing Program.

Additional General Academic Courses:
- DEP 2004 Human Development: Life Span
- ENC 1102 Written Communication II
- Humanities Any Area IV, A.S. humanities course
- MCB 2010C Microbiology with lab
- PSY 2012 General Psychology

3. The following are additional requirements for entry into the LPN Transition program:
   a. A current Florida license as a Practical Nurse.
   b. An OFFICIAL transcript from the practical nursing program.
   c. Proof of CURRENT work in acute or extended care medical/surgical inpatient settings OR Graduation from practical nursing (PN) school within the past three years.

4. A completed Nursing Transition program application, with the appropriate fee, submitted during the posted application period - dates are posted at scf.edu/Nursing. (A separate application is required for admission to the College.)

Upon acceptance, the following are required:
1. A statement of satisfactory physical and mental health from a licensed physician or nurse practitioner. (Form to be provided.)
2. Completion of required immunizations (form to be provided).
3. A criminal background check (form to be provided) and drug screen.
4. Successful completion of the American Heart Association’s CPR for the Health Care Provider with AED.

Nursing Transition—continued next page
The LPN Transition Program is offered Summer and Fall terms if enrollment permits. The program is a limited enrollment program with a selective admission process that is based upon the student's GPA and completion of prerequisite (including testing) and additional general academic courses.

Licensure Requirement
Any student who has been convicted, had adjudication withheld, or has criminal charges pending other than a minor traffic violation will need to obtain approval from the Florida Board of Nursing (or another state's board) for permission to take the licensure examination upon completion of the SCF Nursing Program.

Nursing Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2703C</td>
<td>Nursing Transition</td>
<td>6*</td>
</tr>
<tr>
<td>NUR 1142</td>
<td>Pharmacology II</td>
<td>1</td>
</tr>
<tr>
<td>NUR 2731C</td>
<td>Nursing Process III</td>
<td>10</td>
</tr>
<tr>
<td>NUR 2732C</td>
<td>Nursing Process IV</td>
<td>9</td>
</tr>
<tr>
<td>NUR 2813</td>
<td>Nursing Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

Total 42**

* NUR 2703C Nursing Transition, is taken in lieu of NUR 1023 Nursing Process I, NUR 1141 Pharmacology I and NUR 1730 Nursing Process II.

** The LPN transition student is awarded an additional 14 credit hours upon successful completion of the Nursing Program.

Program Chair
Dr. Sue Garland
941-752-5209 Bradenton
941-408-1300, ext. 65209 Venice

Applications and additional information are available on the Nursing website: scf.edu/Nursing.

Students seeking transfer into the Associate in Science Nursing Program who have completed nursing courses at another accredited institution should contact the nursing department at scfnursing@scf.edu.

For RN to B.S.N. information, please contact m2bsn@scf.edu or refer to page 112.

NOTE: This A.S. program follows state-approved requirements for articulation into one or more state university B.S. degree programs and may require additional courses.
Program Goal:
The program will prepare graduates to become occupational therapy assistants. The occupational therapy assistant uses functional activities as treatment to assist individuals of all age groups to live as independently as possible. Graduates of the program are eligible for the national certification examination of the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of the exam, the individual will be a Certified Occupational Therapy Assistant (COTA). Most states also require licensure in order to practice; state licenses are usually based on the results of the NBCOT Certification Examination.

The Occupational Therapy Assistant Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P. O. Box 31220, Bethesda, Maryland 20824-1220. AOTA’s phone number is (301) 652-AOTA.

Program Entrance Requirements

1. Earned grade point average (GPA) of 2.75 or better on ALL general education courses required by the program toward the degree and a minimum overall GPA of 2.0 to meet graduation requirements.

2. Satisfactory completion of any remedial coursework needed to be eligible for college/credit level courses.
   NOTE: Prerequisite courses may be required for ENC 1101 and mathematics requirement. These prerequisite courses MUST be taken PRIOR to entry into OTH 1001 to be eligible to take the required courses. Consult the course descriptions in the Catalog or the specific department of the College for additional information.

3. Prerequisite courses MUST be completed with a grade of “C” or better at the time of application to be considered for priority acceptance.
   Prerequisite courses:
   - BSC 2085C Anatomy and Physiology I
   - Mathematics Any Area II, A.S. +*
   - PSY 2012 General Psychology

4. A minimum grade of “C” is required on all courses applied to the Occupational Therapy Assistant degree.

5. A completed application for the Occupational Therapy Assistant Program and the nonrefundable application fee of $20. (A separate application is required for admission to the College.)

Upon acceptance, the following are required:

1. A statement of satisfactory physical and mental health and a record of current serum titers verifying immunity from communicable diseases from a licensed physician or nurse practitioner. (Form to be provided after admission to the program.)

2. A criminal background check (form to be provided after admission to the program) and drug screen.

3. Successful completion of Basic Life Support for the Health Care Provider course offered through the American Heart Association.

4. Mandatory attendance at the Occupational Therapy Assistant Program orientation. (Date to be announced.)

5. To submit to a drug screening as a condition for remaining in the program.

Students are admitted to the Occupational Therapy Assistant Program ONCE a year in the Fall term. This is a limited enrollment program. Completion of all or part of the general academic courses required in the degree does not guarantee acceptance into the program. However, priority is given to applicants who, at the time of application, have completed the most hours toward the degree and who submit their applications during the priority period. GPA (grade point average) on the general education courses required by the program will be the determining criteria. After the priority period, applications will be accepted on a space-available basis.

For additional program and admissions information check the website: scf.edu/OTA

Occupational Therapy Assistant—continued next page
### General Academic Courses

Students are encouraged to complete as many as possible of the general academic courses listed below PRIOR to entry into the program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2085C*</td>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2086C</td>
<td>Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics++</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012*</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>DEP 2004</td>
<td>Human Development: Life Span</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Written Communication II OR</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>26</strong></td>
</tr>
</tbody>
</table>

### Occupational Therapy Assistant Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>OTH 1001C</td>
<td>Introduction to Occupational Therapy</td>
<td>3</td>
</tr>
<tr>
<td>OTH 1014C</td>
<td>Functional Anatomy and Kinesiology</td>
<td>5</td>
</tr>
<tr>
<td>OTH 1114C</td>
<td>Occupational Therapy Skills and Techniques I</td>
<td>3</td>
</tr>
<tr>
<td>OTH 1520C</td>
<td>Occupational Therapy During the Growing Years</td>
<td>5</td>
</tr>
<tr>
<td>OTH 1410</td>
<td>Introduction to Human Disease</td>
<td>3</td>
</tr>
<tr>
<td>OTH 2261C</td>
<td>Occupational Therapy Skills and Techniques II</td>
<td>3</td>
</tr>
<tr>
<td>OTH 2420C</td>
<td>Occupational Therapy for the Physically Disabled</td>
<td>3</td>
</tr>
<tr>
<td>OTH 2300C</td>
<td>Occupational Therapy in Mental Health</td>
<td>3</td>
</tr>
<tr>
<td>OTH 2802L</td>
<td>Occupational Therapy Practicum</td>
<td>4</td>
</tr>
<tr>
<td>OTH 2933C</td>
<td>Seminar for Clinical Practice</td>
<td>2</td>
</tr>
<tr>
<td>OTH 2840L**</td>
<td>Supervised Clinical Practice I</td>
<td>5</td>
</tr>
<tr>
<td>OTH 2841L**</td>
<td>Supervised Clinical Practice II</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
</tr>
</tbody>
</table>

* These courses MUST be completed PRIOR to entry into the Occupational Therapy Assistant Program.
+ Students who complete MAT 1033 will receive the associate in applied science, a nontransfer degree [2520].
+ MAC 1105 or any Gordon Rule mathematics course is required to receive the SCF associate in science degree [2020].
+ Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.
++ All Occupational Therapy Assistant students must complete Level II Fieldwork within 18 months following completion of academic preparation.
Program Goal:
Graduates of the program will become physical therapist assistants (PTAs), who are skilled health care providers working under the supervision of a physical therapist. The PTA assists the physical therapist in implementing and performing treatment programs, teaching exercises and functional activities to improve the patient’s abilities and communicating the patient’s responses to the physical therapist.

Upon successful completion of the program, the graduate is eligible to take the national Federation of State Boards of Physical Therapy licensing examination to become a licensed physical therapist assistant.

The State College of Florida, Manatee-Sarasota (SCF) Physical Therapist Assistant (PTA) Program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE) of the American Physical Therapy Association, located at 1111 N. Fairfax Street, Alexandria, Virginia 22314. CAPTE’s phone number is (703) 706-3245.

Program Entrance Requirements
1. Earned grade point average (GPA) of 2.75 or better on ALL general education courses required by the program toward the degree and a required minimum overall GPA of 2.0 to meet graduation requirements.
2. Satisfactory completion of any remedial coursework needed to be eligible for college level courses.
   **NOTE:** Prerequisite courses may be required for ENC 1101 and mathematics requirement. These prerequisites **MUST** be taken **PRIOR** to entry into PHT 1007C to be eligible to take the required courses. Consult the course descriptions in the Catalog or the specific department of the College for additional information.
3. **Completion of prerequisite courses** with a grade of “C” or better by the end of the Spring term prior to the Fall term of the year in which you are applying.
   Prerequisite courses:
   - BSC 2085C Anatomy and Physiology I
   - ENC 1101 Written Communication I
   - PSY 2012 General Psychology
   - Mathematics*+ Choose from Area II, A.S.
4. A minimum grade of “C” is required for all courses applied to the PTA degree.
5. A completed PTA Program application and payment of a one-time PTA Program application fee of $20. (A separate application is required for admission to the College.)
6. Two completed recommendation forms from non-friend/relatives. This form is provided with PTA application.
7. Verification of attendance at a PTA Program information session (see scf.edu/PTA for session dates.)

Upon acceptance, the following are required:
1. A statement of satisfactory physical and mental health and a record of current serum titers or inoculations verifying immunity from communicable diseases from a licensed physician or nurse practitioner. (Form will be provided upon acceptance to the program.)
2. A criminal background check (form to be provided upon acceptance to the program) and drug screen.
3. Successful completion of the Basic Life Support for the Health Care Provider course offered through the American Heart Association.
4. Mandatory attendance at the Physical Therapist Assistant Program orientation. (Date to be announced.)

Students are admitted to the Physical Therapist Assistant Program **ONCE** a year in the Fall term. This is a **limited** enrollment program. Completion of all or part of the general academic coursework toward the degree does not guarantee acceptance into the program. However, **priority** is given to applicants who, at the time of application, have completed the **most** hours toward the degree **and** who submit their applications during the priority period. If there are more qualified applicants than available seats in the program, the GPA of the general education courses required by the program will be the determining factor. After the priority period, applications will be accepted on a space-available basis. For additional program and admissions information, check the website scf.edu/PTA.

Physical Therapist Assistant—continued next page
### General Academic Courses
Students are encouraged to complete as many as possible of the general academic courses listed below PRIOR to entry into the program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2085C*</td>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2086C</td>
<td>Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>DEP 2004</td>
<td>Human Development: Life Span</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101*</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Written Communication II OR</td>
<td></td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics*+</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012*</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
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</table>

**Total 26**

### Physical Therapist Assistant Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHT 1007C</td>
<td>Introduction to Physical Therapy and Patient Care</td>
<td>5</td>
</tr>
<tr>
<td>PHT 1124C</td>
<td>Applied Anatomy and Kinesiology</td>
<td>6</td>
</tr>
<tr>
<td>PHT 1211C</td>
<td>Disabilities and Physical Therapy Procedures I</td>
<td>6</td>
</tr>
<tr>
<td>PHT 1800L</td>
<td>Clinical Experience I</td>
<td>4</td>
</tr>
<tr>
<td>PHT 2337C</td>
<td>Disabilities and Physical Therapy Procedures II</td>
<td>5</td>
</tr>
<tr>
<td>PHT 2321C</td>
<td>Disabilities and Physical Therapy Procedures III</td>
<td>5</td>
</tr>
<tr>
<td>PHT 2810L</td>
<td>Clinical Experience II</td>
<td>6</td>
</tr>
<tr>
<td>PHT 2931</td>
<td>Trends in Physical Therapy</td>
<td>3</td>
</tr>
<tr>
<td>PHT 2820L</td>
<td>Clinical Experience III</td>
<td>8</td>
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</tbody>
</table>

**Total 48**

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* These courses **MUST** be completed PRIOR to entry into the Physical Therapist Assistant Program.
+ Students who complete MAT 1033 will receive the associate in applied science, a nontransfer degree [2522].
+ MAC 1105 or any Gordon Rule mathematics course is required to receive the SCF associate in science degree [2022].
+ Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.
Program Goal:
The Radiography Program combines didactic and clinical education to prepare the graduate for a career as a radiographer. Graduates of the program are eligible to take the American Registry of Radiologic Technologists National Examination to become a registered radiographer. The radiography program is fully accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Questions regarding the program's accreditation may be directed to the JRCERT at www.jrcert.org, via mail to 20 N. Wacker Drive, Suite 2850, Chicago, Illinois 60606-2901 or by telephone (312) 704-5300.

Program Entrance Requirements

1. Earned grade point average (GPA) of 2.5 or better on ALL general education courses required by the program toward the degree and a minimum overall GPA of 2.0 to meet graduation requirements.

2. Satisfactory completion of any remedial coursework needed to be eligible for college level courses.
   
   NOTE: Prerequisite courses may be required for ENC 1101 and mathematics requirement. These prerequisite courses MUST be taken PRIOR to entry into RTE 1002 to be eligible to take the required courses. Consult the course descriptions in the Catalog or the specific department of the College for additional information.

3. Prerequisite courses MUST be completed with a grade of “C” or better by the end of the Fall term prior to the year in which the applicant is applying.*
   
   Prerequisite courses:  
   - BSC 2085C Anatomy and Physiology I  
   - MAT 1033+ Intermediate Algebra (A.A.S.) OR  
   - MAC 1105 College Algebra (A.S.)

4. A minimum grade of “C” is required for all courses applied to the radiography degree.

5. A completed application for the Radiography Program and the nonrefundable application fee of $20. (A separate application is required for admission to the College.)

6. Verification of attendance at a Radiography Program information session. Please refer to the program's Web page for dates of the information sessions (scf.edu/Radiography).

7. Successful completion of the HOBE T (Health Occupations Basic Entrance Test).

Upon acceptance, the following are required:

1. A statement of satisfactory physical and mental health from a licensed physician or nurse practitioner. (Form to be provided.)

2. A criminal background check (form to be provided) and drug screen.

3. Successful completion of the Basic Life Support for the Health Care Provider course offered through the American Heart Association.

4. Mandatory attendance at the program orientation and completion of the one-day clinical observation experience.

* Students are admitted to the Radiography Program ONCE a year in the Summer term. This is a limited enrollment program. Completion of all or part of the general academic courses required in the degree does not guarantee acceptance into the program. However, priority is given to applicants who have completed both prerequisite courses and have the most hours toward the degree by the end of the Fall term preceding the year for which the applicant is applying. If there are more qualified applicants than available seats in the program, the GPA of the general education courses required by the program will be the determining factor.
General Academic Courses

Students are encouraged to complete as many as possible of the general academic courses listed below PRIOR to entry into the Radiography Program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology OR</td>
<td></td>
</tr>
<tr>
<td>INP 1390</td>
<td>Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics+*</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2085C*</td>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2086C*</td>
<td>Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PHI 2600</td>
<td>Applied Ethics</td>
<td>3</td>
</tr>
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**Total** 20

Radiography Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTE 1001</td>
<td>Medical Terminology for Radiographers</td>
<td>1</td>
</tr>
<tr>
<td>RTE 1002</td>
<td>Introduction to Radiologic Technology</td>
<td>5</td>
</tr>
<tr>
<td>RTE 1308</td>
<td>Radiation Protection and Safety</td>
<td>2</td>
</tr>
<tr>
<td>RTE 1503C</td>
<td>Radiographic Procedures I</td>
<td>4</td>
</tr>
<tr>
<td>RTE 1418</td>
<td>Radiographic Exposures I</td>
<td>5</td>
</tr>
<tr>
<td>RTE 1804L</td>
<td>Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>RTE 1458</td>
<td>Radiographic Exposures II</td>
<td>5</td>
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<tr>
<td>RTE 1513C</td>
<td>Radiographic Procedures II</td>
<td>4</td>
</tr>
<tr>
<td>RTE 1814L</td>
<td>Practicum II</td>
<td>3</td>
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<tr>
<td>RTE 1824C</td>
<td>Practicum III</td>
<td>4</td>
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<tr>
<td>RTE 2523C</td>
<td>Radiographic Procedures III</td>
<td>4</td>
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<tr>
<td>RTE 2834L</td>
<td>Practicum IV</td>
<td>4</td>
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<tr>
<td>RTE 2563</td>
<td>Radiographic Procedures IV</td>
<td>4</td>
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<tr>
<td>RTE 2844L</td>
<td>Practicum V</td>
<td>4</td>
</tr>
<tr>
<td>RTE 2762</td>
<td>Cross-Sectional Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>RTE 2061</td>
<td>Radiologic Review</td>
<td>1</td>
</tr>
<tr>
<td>RTE 2931</td>
<td>Radiographic Image Analysis</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total** 57

Program Director

Patrick Patterson
941-752-5245 Bradenton
941-408-1300, ext. 65245 Venice
patterp@scf.edu

Please refer to the Radiography Program’s website at scf.edu/Radiography for the most current program information.

* This course MUST be taken PRIOR to entry into RTE 1002.
+ Students who complete MAT 1033 will receive the Associate in Applied Science degree, a nontransfer degree [2523].
+ MAC 1105 or any Gordon Rule mathematics course is required to receive the SCF Associate in Science degree [2023].
+ Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.
Health Professions

Associate in Science Degree in
RADIOGRAPHY, ARRT ARTICULATED [2041]
(60 Term Hours)

Program Goal:
To enable students who have graduated from a hospital-based radiography program and currently are registered with the American Registry of Radiologic Technologist (ARRT) to acquire an Associate in Applied Science or Associate in Science in Radiography.

Program Entrance Requirements
In addition to the general education requirements of the College, the student must:
1. Present a copy of a current ARRT certification to the director of career and technical education.
2. Complete 32 semester hours of general academic courses listed below with a grade of “C” or better.

General Academic Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>REA 1105</td>
<td>College Reading Techniques</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics+</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>PSY 20121</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>INP 1390</td>
<td>Human Relations OR</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>General Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Choose from Area IV, A.A.S.</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2600</td>
<td>Applied Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Any course with CGS, CDA, CET, CIS prefix</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2085C, L</td>
<td>Anatomy and Physiology I and lab</td>
<td>4</td>
</tr>
<tr>
<td>BSC 2086C, L</td>
<td>Anatomy and Physiology II and lab</td>
<td>4</td>
</tr>
<tr>
<td>Radiography AART Certificate</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60</strong></td>
<td></td>
</tr>
</tbody>
</table>

** A grade of "C" or better must be attained for all courses taken for this degree.
+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 in place of the A.S. degree program’s minimum mathematics requirement [2541]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Program Co-Managers
Patrick Patterson, Program Director, Radiography
941-752-5556 Bradenton
941-408-1300, ext. 65656 Venice
patterp@scf.edu

Dr. Idelia Phillips, Director, Career and Technical Education
941-752-5218 Bradenton
941-408-1300, ext. 65218 Venice
phillii@scf.edu
Paralegal/
Legal Assisting

Associate in Science Degree in
PARALEGAL/LEGAL ASSISTING [2018]
(64 Term Hours)

Program Goal:
To educate paralegals with an effective balance of legal knowledge and practical skills. To prepare the student for work in the legal profession upon graduation and to sit for the National Legal Assistant Certification Exam. This program is considered to be substantially in compliance with ABA guidelines for paralegal education by the American Association for Paralegal Education.

Program Entrance Requirements
To be admitted to the Legal Assisting Program, a student must have:
1. A standard high school diploma.
2. Achieved a level of mathematics proficiency which qualifies the student for entry into +MAC 1105 or higher, as demonstrated by the standard placement criteria currently in use at State College of Florida, Manatee-Sarasota (SCF);
3. Achieved a level of English and reading proficiency which qualifies the student for entry into ENC 1101 or higher, as demonstrated by the standard placement criteria currently in use at SCF; and
4. Successfully completed Introduction to Legal Systems (PLA 1003) with a grade of "C" or better.
5. The successful completion of Microsoft Office Specialist Certification in Microsoft Word 2007 or higher version.

General Academic Courses
Students may take these courses at any time during their program of study.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101**</td>
<td>Written Communication I</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics+**</td>
<td>Choose from Area II, A.S.</td>
<td>3</td>
</tr>
<tr>
<td>POS 1041</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000**</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Comm. OR</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1300</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.**</td>
<td>Choose from Area III, A.S.</td>
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</tr>
<tr>
<td>Humanities**</td>
<td>Choose from Area IV, A.S.</td>
<td>3</td>
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<tr>
<td>**Total</td>
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<td>21</td>
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</table>

Program Core Courses**
Please consult the course description section of the Catalog for any prerequisites. Students should take these courses in sequence if possible.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLA 1003</td>
<td>Introduction to Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2001</td>
<td>General Law</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2800</td>
<td>Introduction to Family Law</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2763</td>
<td>Law Office Management</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2303</td>
<td>Criminal Law and Procedures</td>
<td>3</td>
</tr>
<tr>
<td>PLA 1104</td>
<td>Legal Research and Writing I</td>
<td>3</td>
</tr>
<tr>
<td>LIS 2004</td>
<td>Introduction to Internet Research</td>
<td>1</td>
</tr>
<tr>
<td>PLA 2433</td>
<td>Corporations and Business Organizations</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2600</td>
<td>Wills, Trusts and Probate Administration</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2732</td>
<td>Law Office Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>PLA 1610</td>
<td>Real Property Law and Transactions</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2203</td>
<td>Civil Litigation I</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2223</td>
<td>Civil Litigation II</td>
<td>3</td>
</tr>
<tr>
<td>PLA 1949</td>
<td>Career Decision Work Experience</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose one from PLA 2114, PLA 2612, PLA 2949, PLA 2950, ACG 2021C, APA 1111, BSC 2085C, BUL 2131, CCJ 1600, CCJ 2500, CJT 2100, GEB 2210, HSC 2531, SOP 1602</td>
<td>3</td>
</tr>
<tr>
<td>**Total</td>
<td></td>
<td>43</td>
</tr>
</tbody>
</table>

The Legal Assisting Program has a recommended sequence that includes both general and specialized program courses.

Please see the Paralegal/Legal Assisting Program manager for additional information.

** A grade of "C" or better must be attained for each core course and the courses meeting the general education requirements for this degree.

+ Students may elect to earn an SCF A.A.S. degree if they complete MAT 1033 or QMB 1001 in place of the A.S. degree program's minimum mathematics requirement [2518]. Note: The Associate in Applied Science (A.A.S.) degree currently is being reviewed at the state level with the possibility that it will no longer be available effective Fall 2012.

Articulated credit from a technical institute/secondary school may be applicable. Contact the SCF director of career and technical education for more information.

A related certificate also is offered. See certificate listing.
Certificate Programs

One-year certificate programs in the areas listed below are available to students. Each program is designed so that the student also may continue toward an associate’s degree in the same or a related field. Advanced technical certificate programs also are available as extensions of specific Associate in Science (A.S.) and/or Associate in Applied Science (A.A.S.) degrees and are limited to students who have completed the related A.S. and/or A.A.S. degree.

Certificates:
- Accounting Applications
- Alternative Energy
- Business Management
- Computer Information Technology
- Computer Programming and Analysis
- Digital Design and Modeling
- Early Childhood Education and Early Intervention
- Electronics
- Engineering Technology Support Specialist
- Marketing
- Network Administration and Security

Advanced Technical Certificates:
- Fire Science Administration
- Paralegal/Legal Assisting
- Teacher Certification Program

Certificate Program in
ACCOUNTING APPLICATIONS [3001]
(31 Term Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>QMB 1001</td>
<td>Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2021C</td>
<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2071</td>
<td>Principles of Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>MAR 2011</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUL 2130</td>
<td>Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2021</td>
<td>Principles of Management and Organization</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2933</td>
<td>Management Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: A grade of “C” or better must be attained for each course taken for this certificate. It also is recommended that job-seeking students complete SLS 1350 Job Marketing Skills (1 credit).

Certificate Program in
COMPUTER INFORMATION TECHNOLOGY [3005]
(27 Term Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 1033</td>
<td>Intermediate Algebra or Higher Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1570*</td>
<td>Integrated Business Applications Software</td>
<td>3</td>
</tr>
<tr>
<td>CGS 2820C</td>
<td>Web Page Development</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1543*</td>
<td>Database Design and Implementation</td>
<td>3</td>
</tr>
<tr>
<td>CTS 1150</td>
<td>Microcomputer Hardware and Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>CET 1600</td>
<td>Networking Fundamentals</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives
- Choose from CAP, CDA, CGS, CEN, CET, CIS, COP, CTS, EET, GRA 1100C, OST 1100, OST 1110, SLS 1350

NOTE: A grade of “C” or better must be attained for each course taken for this certificate. It also is recommended that job-seeking students complete SLS 1350 Job Marketing Skills (1 credit).

Certificate Program in
COMPUTER PROGRAMMING AND ANALYSIS [3004]
(29-30 Term Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 1033</td>
<td>Intermediate Algebra or Higher Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>COP 2510</td>
<td>Programming Concepts</td>
<td>3</td>
</tr>
<tr>
<td>COP 2170*</td>
<td>Visual BASIC Programming</td>
<td>4</td>
</tr>
<tr>
<td>CGS 1543*</td>
<td>Database Design and Implementation</td>
<td>3</td>
</tr>
<tr>
<td>COP 2250C</td>
<td>Java Programming I</td>
<td>4</td>
</tr>
<tr>
<td>COP 2805C</td>
<td>Java Programming II OR</td>
<td>3-4</td>
</tr>
<tr>
<td>COP 2224C</td>
<td>C++ Programming I</td>
<td>3-4</td>
</tr>
</tbody>
</table>

Electives
- Choose from COP, CET 1600, CIS 2931, CTS 2433, CGS 2820

NOTE: A grade of “C” or better must be attained for each course taken for this certificate. It also is recommended that job-seeking students complete SLS 1350 Job Marketing Skills (1 credit).
### Certificate Program in DIGITAL DESIGN AND MODELING [3017]
**(24 Term Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGS 1110C</td>
<td>Engineering Drawing OR</td>
<td>3</td>
</tr>
<tr>
<td>BCN 1251</td>
<td>Construction Drafting</td>
<td>3</td>
</tr>
<tr>
<td>ETD 2364C</td>
<td>Introduction to Solid Works</td>
<td>3</td>
</tr>
<tr>
<td>ETD 1390C</td>
<td>Introduction to Revit</td>
<td>3</td>
</tr>
<tr>
<td>ENC 2210</td>
<td>Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>BCN, BCT, EET, EGS, ETD, ETI, ETG, ETP, SUR, EST</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

### Certificate Program in EARLY CHILDHOOD EDUCATION AND EARLY INTERVENTION [3003]
**(36 Term Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Written Communication</td>
<td>3</td>
</tr>
<tr>
<td>Behav. Sci.</td>
<td>Choose from Area III, A.A.S.</td>
<td>3</td>
</tr>
<tr>
<td>EEC 1001</td>
<td>Early Childhood Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>EEC 1000</td>
<td>Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>EDF 1030</td>
<td>Effective Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EEX 2010</td>
<td>Introduction to Exceptional Learners</td>
<td>3</td>
</tr>
<tr>
<td>EEC 1601</td>
<td>Observing and Recording Children's Behavior</td>
<td>3</td>
</tr>
<tr>
<td>EEC 2401</td>
<td>Family Interactions and Cultural Continuity</td>
<td>3</td>
</tr>
<tr>
<td>HSC 2401</td>
<td>Emergency First Aid and CPR</td>
<td>3</td>
</tr>
<tr>
<td>EEC 2002</td>
<td>Early Child Care Center Management</td>
<td>3</td>
</tr>
<tr>
<td>EEC 1319</td>
<td>Portfolio Development and Performance Observation</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Choose from any EEC prefix course(s) not listed above</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>36</td>
</tr>
</tbody>
</table>

Students who want the Florida Child Care Professional certification must successfully complete EEC 1000, EEC 1001, EEC 1601 and EEC 1319 and then register with SCF's Corporate and Community Development at 941-363-7203.

Students who want the National CDA (Child Development Associate) credential must successfully complete EEC 1000, EEC 1001, EEC 1601 and EEC 1319 and then apply to the National Council for Early Childhood Recognition to complete the credentialing process. (The Council's toll-free number is 1-800-424-4310.)

Students who need to meet the Department of Children and Families requirement for the Foundation Level Director Credential must successfully complete EEC 2002. The courses that meet the DCF Advanced Level Director Credential requirement are EEC 2202, EEC 2527 and EEC 2520.

### Certificate Program in ELECTRONICS [3018]
**(12 Term Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EET 1033C</td>
<td>Fundamentals of DC/AC Circuits OR</td>
<td>3-4</td>
</tr>
<tr>
<td>EET 1084</td>
<td>Introduction to Electronics</td>
<td>3</td>
</tr>
<tr>
<td>CET 1600</td>
<td>Networking Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>COP 2510</td>
<td>Programming Concepts</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>BCN, BCT, EET, EGS, ETD, ETI, ETG, ETP, SUR, EST</td>
<td>2-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

### Certificate Program in ENGINEERING TECHNOLOGY SUPPORT SPECIALIST [3016]
**(18 Term Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETI 1130</td>
<td>Instrumentation</td>
<td>3</td>
</tr>
<tr>
<td>ETI 1110</td>
<td>Quality Assurance</td>
<td>3</td>
</tr>
<tr>
<td>ETD 1320C</td>
<td>Introduction to AutoCAD</td>
<td>3</td>
</tr>
<tr>
<td>EET 1084</td>
<td>Introduction to Electronics</td>
<td>3</td>
</tr>
<tr>
<td>ETI 1701</td>
<td>Industrial Safety</td>
<td>3</td>
</tr>
<tr>
<td>ETI 2411C</td>
<td>Manufacturing Process</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

### Certificate Program in MARKETING [3011]
**(31 Term Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>QMB 1001</td>
<td>Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2021C</td>
<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>MAR 2011</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKA 2511</td>
<td>Principles of Advertising</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEB 2210</td>
<td>Business Presentations and Communications</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2021</td>
<td>Principles of Management and Organization</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2241</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKA 2021</td>
<td>Personal Selling</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>31</td>
</tr>
</tbody>
</table>

**NOTE:** A grade of “C” or better must be attained for each course taken for this certificate. It is also recommended that job-seeking students complete SLS 1350 Job Marketing Skills (1 credit).

### Certificate Program in NETWORK ADMINISTRATION AND SECURITY [3006]
**(30 Term Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 1033</td>
<td>Intermediate Algebra or Higher Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CET 1600</td>
<td>Networking Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>CTS 1150</td>
<td>Microcomputer Hardware and Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>CTS 1300</td>
<td>Networking and Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CET 2792*</td>
<td>Support Windows Server</td>
<td>3</td>
</tr>
<tr>
<td>CET 2794*</td>
<td>Support Active Directory Services in a Windows Server Network</td>
<td>3</td>
</tr>
<tr>
<td>CET 1610</td>
<td>Router Technology</td>
<td>3</td>
</tr>
<tr>
<td>CIS 1355</td>
<td>Security Engineering</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Choose from CIS 2931, CTS 1437, CTS 2433, CGS 1543, CGS 2820, CGS 1949, CTS 2330, and/or any Networking CET, Networking CEN, Networking CIS or Networking CTS course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>
ADVANCED TECHNICAL CERTIFICATES

Advanced Certificate Program in
TEACHER CERTIFICATION PROGRAM [4005]
(21 Term Hours)

The Alternative Certification Program provides a quality teacher training option for baccalaureate degree holders. At the completion of these modules, the student will have successfully demonstrated the Florida Education Accomplished Practices and have provided documentation of mastery in a comprehensive professional portfolio. Students who complete the alternative certification program will receive credit toward the minimum 60 hour Florida Department of Education Education for Speakers of Other Language (Empowering) requirements for content area teachers.

Completers of the program may then apply to Florida Department of Education for a professional teaching certificate. This limited access program requires potential candidates to:
1. Possess a baccalaureate degree from a regionally accredited college or university;
2. Acquire the statement of eligibility for certification from the FLDOE;
3. Submit a written statement of loyalty to Florida and the USA;
4. Submit to fingerprinting for a background check;
5. Be of good moral character; and
6. Possess the disposition suitable for becoming a teacher

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPI 0001</td>
<td>Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EPI 0002</td>
<td>Instructional Strategies</td>
<td>3</td>
</tr>
<tr>
<td>EPI 0003</td>
<td>Technology</td>
<td>3</td>
</tr>
<tr>
<td>EPI 0004</td>
<td>The Teaching and Learning Process</td>
<td>3</td>
</tr>
<tr>
<td>EPI 0010</td>
<td>Foundations of Research-based Practices in Reading</td>
<td>3</td>
</tr>
<tr>
<td>EPI 0020</td>
<td>Professional Foundations</td>
<td>2</td>
</tr>
<tr>
<td>EPI 0940</td>
<td>Field Experience for Professional Foundations</td>
<td>1</td>
</tr>
<tr>
<td>EPI 0030</td>
<td>Diversity in the Classroom</td>
<td>2</td>
</tr>
<tr>
<td>EPI 0945</td>
<td>Field Experience for Diversity in the Classroom</td>
<td>1</td>
</tr>
</tbody>
</table>

NOTE: A grade of “C” or better must be attained for each course taken for this certificate. To be eligible for a professional teaching certificate, each candidate must pass three Florida Teacher Certification Exams: General Knowledge, Professional Knowledge and Subject Area Exam in the area of certification sought.

Advanced Certificate Program in
FIRE SCIENCE ADMINISTRATION [4003]
(12 Term Hours)

Students must have graduated and received an A.S./A.A.S. degree from an approved program of Fire Science Technology or have graduated with a related Associate in Science degree and be employed in the fire science field to be admitted into this advanced certificate program.

TBA, Program Manager

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 2021</td>
<td>Principles of Management and Organization</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2241</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MAN 2300</td>
<td>Management and Personnel OR MNA 1345 Management and Supervision</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of the following courses:
- FFP 1770 Ethical and Legal Issues OR
- FFP 2741 Fire Service Course Design OR
- FFP 1706 Public Information Officer OR
- FFP 2541 Private Fire Protection Systems II

NOTE: A grade of “C” or better must be attained for each course taken for this certificate. It is also recommended that job-seeking students complete SLS 1350 Job Marketing Skills (1 credit).

This program is offered through SCF in conjunction with Sarasota County Technical Institute (SCTI) and Manatee Technical Institute (MTI).

Advanced Technical Certificate Program in
PARALEGAL/LEGAL ASSISTING [4004]
(25 Term Hours)

The Legal Assisting/Paralegal Advanced Technical certificate is designed to enable students who already hold any college degree (other than the legal assisting A.S./A.A.S. degree) to take paralegal training at State College of Florida, Manatee-Sarasota (SCF) and qualify to take the National Paralegal Certification (CLA) exam. It further prepares those students for work of a legal nature in law offices, corporations or government agencies.

Barry F. Puett, Program Manager

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLA 1003</td>
<td>Introduction to Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2001</td>
<td>General Law</td>
<td>3</td>
</tr>
<tr>
<td>PLA 1104</td>
<td>Legal Research and Writing I</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2433</td>
<td>Corporations and Business Organizations</td>
<td>3</td>
</tr>
<tr>
<td>PLA 2732</td>
<td>Law Office Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>LIS 2004</td>
<td>Introduction to Internet Research</td>
<td>1</td>
</tr>
</tbody>
</table>

Electives
- Choose three courses from the following list based on area of work interest:
  - PLA 1610 Real Property Law and Transactions
  - PLA 2114 Legal Research and Writing II
  - PLA 2203 Civil Litigation I
  - PLA 2223 Civil Litigation II
A.S./A.A.S. DEGREES & CERTIFICATE PROGRAMS

PLA 2303 Criminal Law and Procedures
PLA 2600 Wills, Trusts and Probate Administration
PLA 2763 Law Office Management
PLA 2800 Introduction to Family Law
APA 1111 College Accounting
ACG 2021 Principles of Financial Accounting OR
Higher Level Accounting Course
BUL 2131 Legal Environments of Business
GEB 2210 Business Presentations and Communications
PLA 2612 Real Estate II: From Contract to Closing
PLA 2950 Professional Responsibilities
PLA 1949 Career Decision Work Experience in Legal Assisting
PLA 2949 Internship in Paralegal/Legal Assisting

NOTE: A grade of “C” or better must be attained for each course taken for this certificate. It also is recommended that job-seeking students complete SLS 1350 Job Marketing Skills (1 credit).

Linkage Programs

The Linkage System is a cooperative agreement among four community/state colleges in the Tampa Bay Area — Hillsborough Community College (HCC), State College of Florida, Manatee-Sarasota (SCF), Polk State College (PSC) and St. Petersburg College (SPC).

The Linkage System offers students in the SCF district the opportunity to enter certain highly specialized career/technical programs which are offered only at other Linkage Colleges through a quota-based arrangement. Some courses appropriate to the respective programs may be taken at SCF, but students selected for admission to a Linkage Program will be required to conform to all program requirements and to institutional policies and procedures of the Linkage Colleges.

Students who wish to enter a Linkage Program must meet all program requirements, institutional policies and procedures of both SCF and the Linkage College. Linkage Colleges admit students once a year and only on the recommendation of the director.

The following institutions are the designated colleges to provide limited access Linkage Programs in the respective disciplines.

Diagnostic Medical Sonography ..............HCC
Nuclear Medicine Technology ....................HCC
Radiography ........................................SCF
Respiratory Care...................................SPC

For information on limited access as well as other nonlimited access programs, contact the office of career and technical education, 941-363-7231.
Bachelor of Applied Science in Energy Technology Management
Bachelor of Applied Science in Health Services Administration
Bachelor of Applied Science in Homeland Security
Bachelor of Applied Science in Public Safety Administration
Bachelor of Science in Early Childhood Education
Bachelor of Science in Nursing
Baccalaureate Program

State College of Florida, Manatee-Sarasota (SCF) is offering an expanded number of baccalaureate programs and the most current information is available at the college website, scf.edu.

The program-specific requirements are listed on the subsequent pages, but the following requirements are true for all of the programs:

Graduation Requirements for Baccalaureate Degrees

The following general requirements for graduation from SCF must be met by all candidates for the Bachelor of Applied Science and Bachelor of Science degrees. Additional requirements may exist for individual programs.

1. Students must satisfactorily complete 120 credit hours. For residency purposes, a minimum of 30 credit hours required for graduation must be completed at SCF. All other specific degree requirements also must be met. Credit awarded for college-preparatory instruction may not be counted toward fulfilling the total number of credits required for residency purposes or graduation.

2. For purposes of conferring the bachelor’s degree, students must complete at least 30 credit hours of courses numbered 3000 level or above.

3. Students must achieve a cumulative grade point average of 2.0 or higher on a 4.0 scale for all work at SCF.

4. Students must earn a grade of “C” or better in all upper division program requirements.

5. Students must complete the general education requirements (36 hours) of the Associate in Arts degree. Students who transfer to SCF with either an Associate in Arts degree or a bachelor’s degree from a regionally accredited institution are considered to have met the general education component of the degree. Courses will be reviewed for equivalency for students who transfer without such degrees.

6. Students must have completed Florida’s foreign language requirement prior to the completion of the bachelor’s degree. Students may meet this competency in one of two ways:
   a. successful completion of two years of a single foreign language while in high school (official high school transcripts must be submitted to educational records), or
   b. successful completion of two semesters (6-8 credit hours) of a single foreign language in college (or through corresponding College Level Examination Program CLEP exams). SCF may determine standards for review of nontraditional foreign language competence for languages not available through CLEP (in languages other than French, German and Spanish).

7. In accordance with State Rule 6A-10.0312, a student must demonstrate proficiency on the State of Florida College-Level Academic Skills Test (CLAS) or meet eligibility standards for CLAS alternatives. This must be completed prior to receipt of baccalaureate degree.

SCF reserves the right to make changes in the regulations, offerings, requirements and any provisions announced in this Catalog at any time as circumstances require.
BACHELOR OF APPLIED SCIENCE IN
ENERGY TECHNOLOGY MANAGEMENT [8001]
(120 Term Hours)

Program Description and Goal:
The Bachelor of Applied Science in Energy Technology Management Program encompasses a broad, emerging field requiring the application of energy-related principals and skills in order to recommend, implement, support and monitor systems and policies of energy usage for large buildings or complexes. The program is not designed as an engineering degree or to prepare graduates for work in power plants or power-generating industries, traditional or alternative. This workforce degree's program of study includes principles of energy conservation, instrumentation calibration, monitoring systems and test procedures, energy loss inspection protocols, energy conservation techniques, data collection and report preparation. Program graduates will be hired under various titles by commercial, retail, governmental, and/or other entities that utilize one or more large buildings. They also may be hired by energy consulting and testing firms as well as construction and engineering firms and building commissioning entities. Graduates will qualify for positions associated with energy management, such as energy applications specialists, facilities managers and energy conservation specialists. They also may pursue entrepreneurial endeavors as energy consultants and/or energy auditors.

Note: Prerequisite classes are offered in the 2011 Fall term. Upper division classes will be offered starting in the 2012 Spring term.

Admission Requirements
Admission requirements to the Bachelor of Applied Science in Energy Technology Management Program include:
1. A 2.0 GPA on a scale of 4.0;
2. Earned a minimum of an Associate in Science/Associate in Applied Science (in related area such as engineering technology), or an Associate in Arts degree, from a regionally accredited education institution;
3. Completed College Level Academic Skills (CLAS) or equivalent, unless exempt; and
4. Successfully completed the prerequisite courses with a grade of C or better.

Prerequisite Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 1140</td>
<td>Precalculus Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1114</td>
<td>Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2045C</td>
<td>General Chemistry I (with lab)</td>
<td>5</td>
</tr>
<tr>
<td>PHY 2053C</td>
<td>General Physics I (with lab)</td>
<td>4</td>
</tr>
</tbody>
</table>

Note: The above courses also meet respective general education requirements as needed.

Program courses will be finalized in Fall 2011. For latest information, check the program website at scf.edu/Bachelors.

Program Director
TBA
941-752-5267 Bradenton
941-408-1300, ext. 65267 Venice
bacc@scf.edu
BACHELOR OF APPLIED SCIENCE IN
HEALTH SERVICES ADMINISTRATION [8002]
(120 Term Hours)

Program Description and Goal:
The Bachelor of Applied Science in Health Services Administration Program prepares individuals to develop, plan, and manage health care operations and services. Graduates acquire desired workforce skills in human services, health financial management, health information systems and an understanding of health care issues. This program prepares students for careers in a wide range of management and administrative positions in health-related organizations and health service delivery systems. Job opportunities may include clinical and laboratory manager, health care facility coordinator, and department manager among other administrative and managerial positions in hospitals, ambulatory care, physician group practices, social service agencies, long-term care facilities, rehabilitation centers and other health-related businesses.

Note: Upper division classes are offered starting in the 2011 Fall term.

Admission Requirements
Admission requirements to the Bachelor of Applied Science in Health Services Administration Program include:
1. A 2.0 GPA on a scale of 4.0;
2. Earned a minimum of an Associate in Science/Associate in Applied Science in a health related field or an Associate in Arts degree from a regionally accredited education institution;
3. Completed College Level Academic Skills (CLAS) or equivalent, unless exempt;
4. Successfully completed the prerequisite courses with a grade of C or better.

Prerequisite Courses:
Prerequisite courses consist of five mandatory courses (or their equivalents), 16 credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2021C</td>
<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>ACG 2071</td>
<td>Principles of Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1000</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>HSC 2531</td>
<td>Understanding Medical Language</td>
<td>2</td>
</tr>
<tr>
<td>BSC 2085C</td>
<td>Anatomy and Physiology with lab</td>
<td>4</td>
</tr>
<tr>
<td>PHI 2600</td>
<td>Applied Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

The final three courses may be substituted if a student holds an Associate in Science degree in a health related field.

Program Courses, Upper Level (3000-4000)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA 3111</td>
<td>Health Care Delivery in the United States</td>
</tr>
<tr>
<td>HSA 3113</td>
<td>Contemporary Issues in Health Care</td>
</tr>
<tr>
<td>HSA 3170</td>
<td>Health Care Finance</td>
</tr>
<tr>
<td>NUR 3870</td>
<td>Informatics in Health Care</td>
</tr>
<tr>
<td>HSA 3383</td>
<td>Quality Management in Health Care</td>
</tr>
<tr>
<td>HSA 3430</td>
<td>Health Care Economics</td>
</tr>
<tr>
<td>HSA 3502</td>
<td>Health Care Risk Management</td>
</tr>
<tr>
<td>NUR 3826</td>
<td>Ethical and Legal Issues in Health Care</td>
</tr>
<tr>
<td>HSA 4180</td>
<td>Health Care Management</td>
</tr>
<tr>
<td>NUR 4169</td>
<td>Evidence Based Practice: Nursing Research</td>
</tr>
<tr>
<td>HSA 4850</td>
<td>Health Care Capstone Course</td>
</tr>
</tbody>
</table>

Upper Level Electives - Choose 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 4837</td>
<td>Health Care Policy and Economics</td>
</tr>
<tr>
<td>NUR 4636</td>
<td>Community and Public Health: Population Based</td>
</tr>
<tr>
<td>NUR 3895</td>
<td>Teaching and Learning for the Health Care</td>
</tr>
<tr>
<td>NUR 3289</td>
<td>Gerontology - Nursing</td>
</tr>
</tbody>
</table>

Summary of Credit Hour Requirements

General Education = 36 credits
Mandatory Prerequisites = 16 credits
Upper Level HSA Courses = 39 credits
Valieated Credit (for state license) and/or Electives = 29 credits
Total = 120 credits

Program Director
Dr. Beverly Hindenlang, D.N.P., R.N., C.N.E.
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941-408-1300, ext. 67267 Venice
hindenb@scf.edu
BACHELOR OF APPLIED SCIENCE IN HOMELAND SECURITY [8003]
(120 Term Hours)

Program Description and Goal:
The Bachelor of Applied Science in Homeland Security Program provides associate degree graduates in areas such as law enforce-
ment, paralegal, fire science and emergency management with an educational pathway that leads to a bachelor's degree with work-
force skills that are based on the needs of the U.S. government as well as the needs of the private sector. Coursework includes the
areas of crisis and disaster issues, public safety, homeland security, management and terrorism prevention. Graduates of this pro-
gram will find employment opportunities in the federal or state government, colleges and universities, and the private sector. In
addition, the Homeland Security Program is ideal preparation for further study in graduate school for programs in law, emergency
management, or public policy.

Note: Prerequisite classes are offered in the 2011 Fall term. Upper division classes will be offered starting in the 2012 Spring term.

Admission Requirements
Admission requirements to the Bachelor of Applied Science in Homeland Security Program include:
1. A 2.0 GPA on a scale of 4.0;
2. Earned a minimum of an Associate in Science/Associate in Applied Science (in criminal justice technology or fire science
   technology) or an Associate in Arts degree from a regionally accredited education institution;
3. Completed College Level Academic Skills (CLAS) or equivalent, unless exempt;
4. Successfully completed the prerequisite courses with a grade of C or better.

Prerequisite Courses:
There are no prerequisites aside from holding related associate degree. Students who hold an A.S./A.A.S. degree also must complete
the general education requirements for an A.A. (the exact amount of coursework needed depends upon the A.S./A.A.S. degree program).

Program Courses, Upper Level (3000-4000): will be finalized in 2011

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 3821</td>
<td>Contemporary Issues in Public Safety Administration/Homeland Security</td>
</tr>
<tr>
<td>PAD 4393</td>
<td>Critical Incident Management</td>
</tr>
<tr>
<td>DSC 3013</td>
<td>Introduction to Homeland Security</td>
</tr>
<tr>
<td>FES 4014</td>
<td>Evolution of Emergency Management</td>
</tr>
<tr>
<td>CJE 3361</td>
<td>Management of Specialized Law Enforcement Units</td>
</tr>
<tr>
<td>DSC 3034</td>
<td>Terrorism Preparedness</td>
</tr>
<tr>
<td>FES 3833</td>
<td>Emerging Issues in Environmental Disaster Mgmt</td>
</tr>
<tr>
<td>CJE 4668</td>
<td>Computer Crime</td>
</tr>
<tr>
<td>DSC 3214</td>
<td>Catastrophic Event Response Planning</td>
</tr>
<tr>
<td>DSC 3554</td>
<td>Critical Infrastructure and Risk Analysis</td>
</tr>
<tr>
<td>DSC 4038</td>
<td>Terrorism and Emergency Management</td>
</tr>
<tr>
<td>DSC 3243</td>
<td>Industrial Security</td>
</tr>
<tr>
<td>DSC 4594</td>
<td>Intelligence Analysis</td>
</tr>
<tr>
<td>PAD 4878</td>
<td>Public Safety Administration/Homeland Security Capstone</td>
</tr>
</tbody>
</table>

Summary of Credit Hour Requirements
General Education = 36 credits
Electives in Criminal Justice Technology or Fire Science Technology = 42 credits
Upper Level Courses = 42 credits
Total = 120 credits

Program Director
Barry Puett
941-752-5656 Bradenton
941-408-1300, ext. 65656 Venice
puettb@scf.edu
BACHELOR OF APPLIED SCIENCE IN PUBLIC SAFETY ADMINISTRATION [8004]
(120 Term Hours)

Program Description and Goal:
The Bachelor of Applied Science in Public Safety Administration Program provides associate degree graduates in areas such as law enforcement, paralegal, fire science and emergency management with an educational pathway that leads to a bachelor’s degree with workforce skills that are desired in the government and the private sectors. Coursework includes the areas of public safety, homeland security, management, administrative law, crisis and disaster issues and terrorism prevention. Employment options include positions such as fire chief, deputy chief, battalion chief, fire inspector, fire marshal, emergency management coordinator, training officer, captain and lieutenant (fire and law enforcement), emergency management officer, state trooper, emergency management communications center chief and mitigation coordinator. Work settings include fire and rescue departments, law enforcement agencies, emergency management operations and facilities, and planning and utilities departments.

Note: Prerequisite classes are offered in the 2011 Fall term. Upper division classes will be offered starting in the 2012 Spring term.

Admission Requirements
Admission requirements to the Bachelor of Applied Science in Public Safety Administration Program include:
1. A 2.0 GPA on a scale of 4.0;
2. Earned a minimum of an Associate in Science/Associate in Applied Science (in criminal justice technology or fire science technology) or an Associate in Arts degree from a regionally accredited education institution;
3. Completed College Level Academic Skills (CLAS) or equivalent, unless exempt;
4. Successfully completed the prerequisite courses with a grade of C or better.

Prerequisite Courses:
There are no prerequisites aside from holding related associate degree. Students who hold an A.S./A.A.S. degree also must complete the general education requirements for an A.A. (the exact amount of coursework needed will depend upon the A.S./A.A.S. degree program).

Program Courses, Upper Level (3000-4000): will be finalized in 2011

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 3820</td>
<td>Foundations of Public Administration</td>
</tr>
<tr>
<td>PAD 3821</td>
<td>Contemporary Issues in Public Safety Administration/Homeland Security</td>
</tr>
<tr>
<td>PAD 3311</td>
<td>Program Planning and Evaluation</td>
</tr>
<tr>
<td>PAD 3874</td>
<td>Community Relations Theory and Practice</td>
</tr>
<tr>
<td>PAD 4204</td>
<td>Public Finance</td>
</tr>
<tr>
<td>PAD 4414</td>
<td>Teaching Human Resource Management Skills</td>
</tr>
<tr>
<td>PAD 4393</td>
<td>Critical Incident Management</td>
</tr>
<tr>
<td>PAD 4603</td>
<td>Administrative Law</td>
</tr>
<tr>
<td>DSC 3013</td>
<td>Introduction to Homeland Security</td>
</tr>
<tr>
<td>FES 4014</td>
<td>Evolution of Emergency Management</td>
</tr>
<tr>
<td>CJE 3361</td>
<td>Management of Specialized Law Enforcement Units</td>
</tr>
<tr>
<td>DSC 3034</td>
<td>Terrorism Preparedness</td>
</tr>
<tr>
<td>FES 3833</td>
<td>Emerging Issues in Environmental Disaster Management</td>
</tr>
<tr>
<td>PAD 4878</td>
<td>Public Safety Administration/Homeland Security Capstone</td>
</tr>
</tbody>
</table>

Summary of Credit Hour Requirements
General Education = 36 credits
Electives in Criminal Justice Technology or Fire Science Technology = 42 credits
Upper Level Courses = 42 credits
Total = 120 credits

Program Director
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941-752-5656 Bradenton
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puettb@scf.edu
BACHELOR OF SCIENCE IN
EARLY CHILDHOOD EDUCATION [8005]
(120 Term Hours)

Program Description and Goal:
The Bachelor of Science in Early Childhood Education (with emphasis in birth through age 4) Program is a unique program that is
designed for students seeking employment in the field of child care and children’s services. The program fulfills the legal require-
ments being implemented for Head Start teachers and directors, the requirements included in the Florida Statutes regarding voluntary
pre-kindergarten (VPK) teachers, and the point system for the child care center certification process promoted by Florida’s
Agency for Workforce Innovation and the Early Learning Coalitions (ELC) throughout the state. The program prepares students to be
highly qualified teachers (including VPK and Head Start), managers or administrators of programs. The degree prepares partici-
pants for teacher certification as well as equipping them to meet the requirements for workplace retention or hiring within a high-
quality setting for this age group.
Note: Upper division classes are offered starting in the 2011 Fall term.

Admission Requirements
Admission requirements to the Bachelor of Science in Early Childhood Education Program include:
1. A 2.0 GPA on a scale of 4.0;
2. Earned a minimum of an Associate in Science/Associate in Applied Science or an Associate in Arts degree from a regionally
   accredited education institution;
3. Completed College Level Academic Skills (CLAS) or equivalent, unless exempt;
4. Successfully completed the prerequisite courses with a grade of C or better.

Prerequisite Courses:
Prerequisite courses for all applicants for admission (21 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 1005</td>
<td>Introduction to Education</td>
</tr>
<tr>
<td>EDF 2085</td>
<td>Introduction to Diversity for Educators + Field Experience</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Education Technology</td>
</tr>
<tr>
<td>EEC 1000</td>
<td>Introduction to Early Childhood Education</td>
</tr>
<tr>
<td>EEC 1001</td>
<td>Early Childhood Growth and Development</td>
</tr>
<tr>
<td>EEC 1601</td>
<td>Observing and Recording Children’s Behavior</td>
</tr>
<tr>
<td>EEC 1319</td>
<td>Portfolio Development and Supervision Work Experience</td>
</tr>
</tbody>
</table>

Program Courses, Upper Level (3000-4000): will be finalized in 2011

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED 3214</td>
<td>EC Education Learning Environments</td>
</tr>
<tr>
<td>EEX 3401</td>
<td>Special Needs of Children and Families</td>
</tr>
<tr>
<td>EEC 3731</td>
<td>Health, Nutrition and Safety of Young Children</td>
</tr>
<tr>
<td>EEC 4402</td>
<td>Cultural and Family Systems</td>
</tr>
<tr>
<td>EEX 3226</td>
<td>Assessment of All Young Children and Field Exp</td>
</tr>
<tr>
<td>EEX 4701</td>
<td>Blending Early Childhood Methods and Field Exp</td>
</tr>
<tr>
<td>EEC 4400</td>
<td>Parents as Teachers and Field Exp</td>
</tr>
<tr>
<td>EEC 4204</td>
<td>Infant/Toddler Curriculum</td>
</tr>
<tr>
<td>EDF 3430</td>
<td>Education Measurement and Evaluations</td>
</tr>
<tr>
<td>EEC 4267</td>
<td>Curriculum Programs, Infants/Tods/Preschool</td>
</tr>
<tr>
<td>EEX 4603</td>
<td>Behavior Management in Preschool and Field Exp</td>
</tr>
<tr>
<td>EEC 4268</td>
<td>Curriculum Activities in Early Childhood (Child Dev.)</td>
</tr>
<tr>
<td>EEC 4613</td>
<td>Assessment and Evaluation for Young Children</td>
</tr>
<tr>
<td>EEC 4706</td>
<td>Language and Emerging Literacy</td>
</tr>
<tr>
<td>EEC 4661</td>
<td>Theory and Practice in Early Childhood Education</td>
</tr>
<tr>
<td>EEC 4940</td>
<td>Internship: Early Childhood Education</td>
</tr>
</tbody>
</table>

Summary of Credit Hour Requirements
General Education = 36 credits
Prerequisite Courses = 21 credits
Upper Level Early Childhood Program Requirements = 54 credits
Elective Courses (in any A.A. courses) = 9 credits
Total = 120 credits

Program Director
Dr. Kathryn Stuckey
941-363-7265 Lakewood Ranch
941-408-1300, ext. 67265 Venice
stuckek@scf.edu
BACHELOR OF SCIENCE IN NURSING
RN - B.S.N., Nursing [8019]
(120 Term Hours)

All nursing degree programs at SCF are accredited by the Southern Association of Colleges and Schools.

Registered Nurse to Bachelor of Science in Nursing Program (RN to B.S.N.):
The RN to B.S.N. Program is designed primarily as a 2+2 program for current Florida registered nurses (RN) who would like to obtain a Bachelor of Science in Nursing. This program incorporates prior nursing education and experience to advanced nursing practice, theory, concepts, and leadership skills. B.S.N. coursework addresses topics related to leadership and management, informatics, community and public health, nursing theory, and research. This program is approved by the Florida State Department of Education and is currently in candidacy for NLNAC accreditation (3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326. NLNAC’s phone number is (404) 975-5000.)

Program Goal:
The RN to B.S.N. Program further expands the RN’s knowledge base, enhancing his or her professional and leadership skills, which will meet the future health care needs of the community.

Application Requirements:
1. Applied and accepted to SCF, all students must be administratively and academically in good standing.
2. A current, unencumbered, unrestricted Florida RN license or eligible for Florida RN licensure.
3. An application fee may be required.
4. Completion of the following prerequisite courses with a letter grade of “C” or better in each course.

Prerequisite Courses:
(Courses marked with an asterisk (*) currently meet part of SCF’s general education requirements.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2085C</td>
<td>Human Anatomy &amp; Physiology I with lab*</td>
</tr>
<tr>
<td>BSC 2086C</td>
<td>Human Anatomy &amp; Physiology II with lab*</td>
</tr>
<tr>
<td>DEP 2004</td>
<td>Human Development: Life Span</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Written Communication I*</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Written Communication II*</td>
</tr>
<tr>
<td>Humanities</td>
<td>Any Area IV, A.A. – Literature or Arts and Humanities* (PHI 2600 preferred)</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Any Area II, A.A.*</td>
</tr>
</tbody>
</table>

Completion of all or part of the academic courses required does not guarantee acceptance into the RN to B.S.N. Program.

Additional Requirements Required Prior to Graduating with B.S.N.:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Speech Communication*</td>
</tr>
<tr>
<td>Social Science</td>
<td>(Historical), Any Area III, A.A., category A</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>(to be added)</td>
</tr>
<tr>
<td>CLAS</td>
<td>(to be added)</td>
</tr>
</tbody>
</table>

General academic requirements are considered ‘met’ for students who hold an Associate in Arts (A.A.) degree from a Florida public college or university OR for holders of a baccalaureate degree from a regionally accredited college/university.

NOTE: Completion of the foreign language requirement is mandatory for the awarding of the Bachelor of Science in Nursing degree. The foreign language requirement can be met by completing one of the following:

- Two years of the same foreign language in high school (2 credits)
- Two semesters of the same foreign language in college/university.
- CLEP foreign language subject exam score at the appropriate level.
Upper Level Nursing Courses
Blended courses (combination of online and face-to-face coursework)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3805</td>
<td>Dimensions of Professional Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3066C</td>
<td>Health Assessment and Physical Appraisal</td>
<td>4</td>
</tr>
<tr>
<td>NUR 3125</td>
<td>Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3145</td>
<td>Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3826</td>
<td>Ethical and Legal Issues in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3870</td>
<td>Informatics in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4169</td>
<td>Evidence Based Practice:</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Nursing Research</td>
<td></td>
</tr>
<tr>
<td>NUR 4636</td>
<td>Community and Public Health:</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Population Based</td>
<td></td>
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<tr>
<td>NUR 4636L</td>
<td>Community and Public Health: Practicum</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4827</td>
<td>Leadership and Management in</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Professional Nursing</td>
<td></td>
</tr>
<tr>
<td>NUR 4925</td>
<td>Colloquiums/Symposiums/Workshops</td>
<td>1</td>
</tr>
<tr>
<td>Nursing elective, minimum of 6 term hours:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 3289</td>
<td>Gerontology – Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3895</td>
<td>Teaching and Learning for the</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Health Care Professional</td>
<td></td>
</tr>
<tr>
<td>NUR 4837</td>
<td>Health Care Policy and Economics</td>
<td>3</td>
</tr>
<tr>
<td>NSP 3276</td>
<td>Basic Arrhythmia Interpretation</td>
<td>1</td>
</tr>
<tr>
<td>NSP 4275C</td>
<td>Adult Critical Care</td>
<td>8</td>
</tr>
<tr>
<td>NSP 3295C</td>
<td>Peri-operative Nursing</td>
<td>11</td>
</tr>
</tbody>
</table>

Validated Nursing Credits
Upon validation of an unrestricted, unencumbered Florida RN license up to 30 credit hours will be awarded at the completion of the upper division nursing core courses and application for B.S.N. graduation.

Total term hours required for graduation: 120

Licensure Requirement:
Students must hold a current, unencumbered, unrestricted Florida RN license throughout their study in the RN to B.S.N. Program.

Summary of Credit Hour Requirements
General education = 36
Prerequisite courses (that are not part of general education) = 12
Nursing core requirements = 32
Electives (including nursing upper division and A.A. electives, if needed) = 10
Validated credit (for unencumbered, unrestricted RN license) = 30
Total = 120

For more information about the program contact:
Terri Hanlon, RN to B.S.N. Program Coordinator
941-363-7268 Lakewood Ranch
941-408-1300, ext. 67268 Venice
scf.edu/bsnursing
rn2bsn@scf.edu
Course Descriptions

Florida’s Statewide Course Numbering System
Course Prefix Guide by Department Code
Course Numbers/Titles, Listed Alphabetically by Course Prefix
Florida’s Statewide Course Numbering System

Courses in this Catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and 28 participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online Statewide Course Numbering System to obtain course descriptions and specific information about course transfer between participating Florida institutions. This information is at the SCNS website at scns.fldoe.org.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course profiles.”

Example of Course Identifier

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code</th>
<th>Century Digit</th>
<th>Decade Digit</th>
<th>Unit Digit</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>1 1 0 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

English Composition Lower (freshman) level at this institution Freshman Composition Freshman Composition Skills Freshman Composition Skills I No laboratory component in this course

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a freshman composition skills course is offered by 56 different postsecondary institutions. Each institution uses “ENC_101” to identify its freshman composition skills course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, “ENC” means “English Composition,” the century digit “1” represents “Freshman Composition,” the decade digit “0” represents “Freshman Composition Skills,” and the unit digit “1” represents “Freshman Composition Skills I.”

In the sciences and certain other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course that meets in the same place at the same time. The “L” represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a community college. The same course is offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at the community college is guaranteed to receive transfer credit for ENC 2101 at the state university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent. NOTE: Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on semester-term systems. For example, 4.0 quarter hours often transfers as 2.67 semester hours.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses

Section 1007.24(7), Florida Statutes, states:

Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of fac-
ulty credentials, regardless of the public or nonpub-
lic control of the previous institution. The
Department of Education shall ensure that credits to
be accepted by a receiving institution are generated
in courses for which the faculty possess credentials
that are comparable to those required by the accred-
iting association of the receiving institution. The
award of credit may be limited to courses that are
entered in the statewide course numbering system.
Credits awarded pursuant to this subsection shall
satisfy institutional requirements on the same basis
as credits awarded to native students.

Exceptions to the General Rule for Equivalency
Since the initial implementation of the SCNS, spe-
cific disciplines or types of courses have been excepted
from the guarantee of transfer for equivalent courses.
These include varying topics courses that must be evalu-
at ed individually, or applied courses in which the student
must be evaluated for mastery of skill and technique. The
following courses are exceptions to the general rule for
course equivalencies and may not transfer. Transferability
is at the discretion of the receiving institution.

A. Courses not offered by the receiving institution
B. For courses at nonregionally accredited
institutions, courses offered prior to the
established transfer date of the course in
question
C. Courses in the_900-999 series are not
automatically transferable, and must be
evaluated individually. These include such
courses as Special Topics, Internships,
Apprenticeships Practica, Study Abroad, Thesis
and Dissertations.
D. College preparatory and vocational preparatory
courses
E. Graduate courses
F. Internships, apprenticeships, practica, clinical
experiences, and study abroad courses with
numbers other than those ranging from 900-999
G. Applied courses in the performing arts (Art,
Dance, Interior Design, Music and Theatre) and
skills courses in Criminal Justice (academy
certificate courses) are not guaranteed as
transferable. These courses need evidence of
achievement (i.e., portfolio, audition, interview,
etc.).

Courses at Nonregionally Accredited Institutions
The Statewide Course Numbering System makes
available on its home page (scns.fldoe.org) a report enti-
tled “Courses at Nonregionally Accredited Institutions”
that contains a comprehensive listing of all nonpublic
institution courses in the SCNS inventory, as well as
each course’s transfer level and transfer effective date.
This report is updated monthly.

Questions about the Statewide Course Numbering
System and appeals regarding course credit transfer
decisions should be directed to the associate vice presi-
dent for student services in the educational records
office at either SCF Bradenton or SCF Venice or the
Florida Department of Education, Office of
Articulation, 1401 Turlington Building, Tallahassee,
Florida 32399-0400. Special reports and technical
information may be requested by calling the Statewide
Course Numbering System office at (850) 245-0427 or

KEY TO COURSE DESCRIPTIONS

(3) = Number of credit hours. Number of hours per
week in a 16-week term.
(A.A.) = May be used to meet the credit requirements
of the associate in arts (A.A.) degree, and
may also be credited to an associate in sci-
ence (A.S.) degree, and associate in applied
science (A.A.S.) degree, or a certificate.
(A.S.) = Only creditable to an associate in science
(A.S.) degree, an associate in applied science
(A.A.S.) degree, or a certificate. Will not be
counted for the associate in arts (A.A.) degree
and will not, as an individual course, transfer
to a university.
(A.A.S.)= Only creditable to an associate in applied sci-
ence (A.A.S.) degree or a certificate. Will not
be counted for the associate in arts (A.A.)
degree and will not, as an individual course,
transfer to a university.
(C.P.) = Carries college preparatory credit only. No
credit toward any degree or certificate. Used
for college preparatory courses. Counts in a
student’s time status (e.g., part-time) and
financial aid except the Bright Futures schol-
arships.
prerequisite =
A course that must be completed with a grade
of “C” or higher before registering for the
next sequential course.
corequisite =
A course that must be taken at the same time
as another course and they are linked together
for proper enrollment.

Unless otherwise indicated, a grade of “C”
or better shall be considered successful comple-
tion of prerequisite courses. Courses generally
are offered in Fall, Spring and Summer terms
unless indicated otherwise.

See current online Class Schedule for prefix guide.
scf.edu/ClassSchedules
## Course Prefix Guide by Department Code for Lower Division, 1000 and 2000 Level Classes

FIND THE THREE-LETTER PREFIX FOR THE CLASS YOU WANT.

Classes are listed in the order of their three-letter course prefix (or subject code). Three-letter prefixes are determined by the state education authority and apply to all-related institutions of higher education.

PLEASE READ: Some academic areas list classes in more than one three-letter prefix (subject code), and some prefixes do not relate in any obvious manner to the subjects of study. For example, Accounting classes may be listed under ACG, APA or TAX prefixes. Music classes can be found in 10 prefixes. On the other hand, some subjects, such as Sociology (listed under the prefix SYG) are found by a single three-letter prefix that directly corresponds to the subject.

### SUBJECT | PREFIXES | DEPARTMENT | SUBJECT | PREFIXES | DEPARTMENT
--- | --- | --- | --- | --- | ---
Accounting | ACG APA TAX | B | Marine Biology | OCB | NS
Anatomy | BSC NS | SBS | Mass Communications | JOU MMC | FPA
Anthropology | ANT | SBS | and Journalism | MGF MTB STA | M
Art | ARH ART | FPA | Meteorology | MET | NS
Astronomy | AST NS | B | Microbiology | MCB NS | B
Biology | BSC | NS | Music | MUC MUE MUH MUL MUN | NS
Business | GEB | B | Music | MUS MUT MKV MVS MVW FPA
Business Law | BUL | B | MLE | MVW MWF | FPA
Business Math | QMB | B | Music | MVV MWF | FPA
Chemistry | CHM | NS | MLE | MVV MWF | FPA
Child Development and Education | EDG EEC EEX | SBS | MLE | MVV MWF | FPA
Computer Science | CAP CDA CEN CET CGS CIS COR CTS LIS | B | Nursing | NUR NSP HP
Construction Management | Technology | BCN BCT ETI SUR | B | Occupational Therapy | OTH | HP
Criminal Justice | Ccj CJc CJE CJJ CjL | SBS | Office Systems | OCE | NS
Dental Hygiene | DEH DES | HP | Technology | OST | B
Economics | ECO | B | Philosophy | PHI | FPA
Education | EDE EDF EDG EME EPI | SBS | Photography | PGY | FPA
Electronics | CET EET EST | B | Physical Education | HLP HSC LEI PEL PEM | PEN PEO NS
Engineering Technology | BCN BCT CET EET EGS EST | ETC ETD ETG ETI ETP SUR | B | and Wellness | NS
English | CRW EAP ENC | LL | Physical Geology | GLY | NS
Film | FIL RTV | FPA | Physical Science | PSC | NS
Finance | FIN | B | Physical Therapist | PTH HP | HP
Fire Science | FFP | SBS | Physics | PHY | NS
French | FRE | LL | Political Science | CPO INR POS | SBS
Geography | GEA GEO | SBS | Psychology | DEP INP PSY SLS | SBS
German | GER | LL | Religion | REL | FPA
Graphic Design | GRA | FPA | Radiography | RTE | HP
Health Professions | HSC HUN | HP | Reading | REA | LL
History | AMH EUH | SBS | Religion | REL | FPA
Humanities | HUM PHI REL | FPA | Social Sciences | ISS | SBS
Interdisciplinary Science | ISc NS | NS | Sociology | SYG | SBS
Interdisciplinary Studies | SBS/FPA | IDS | Spanish | SPN | LL
Legal Assisting | PLA | SBS | Speech Communication | SPC | LL
Literature | AML ENL LIT | LL | Student Life Skills | SLS | SBS
Management | MAN MNA | B | Theatre/Dramatic Arts | DAA THE TPA TPP | FPA

### Contact Information

**SCF Bradenton Building - Room**
- **18-128**
- **10-112**
- **11-148**
- **29-107**
- **3-102**
- **27-108**
- **25-102**
- **9-107**
- **1-122**

**Contact the Student Services**
- Bradenton
- Center
- for all courses

**Contact for all courses**
- SCF Venice
- SCF Lakewood Ranch

2011 - 2012 | State College of Florida, Manatee-Sarasota
ACG, Accounting: General

ACG 2021C
Principles of Financial Accounting (4) (A.A.)
Three hours lecture per week. Prerequisite: MAT 0012 or MAT 0018 and REA 0002 or REA 0017, or equivalent. A corporate view that provides students with an understanding of concepts that are fundamental to the use of accounting data for decision-making. Emphasis is on financial statements, ratio analysis, the accounting cycle and capital structure through the issuance of stock and bonds. Study of accounting principles from a user and a preparer approach. Additional special fees are required.

ACG 2071
Principles of Managerial Accounting (3) (A.A.)
Prerequisite: ACG 2021. Emphasis is on managerial accounting concepts and systems, planning and control, decentralized operations, analysis for decision-making, financial analysis for management and modern uses of managerial accounting in nonprofit organizations. Additional special fees are required.

ACG 2100
Intermediate Accounting (3) (A.A.S./A.S.)
Prerequisite: ACG 2071. Review of the accounting model and statement preparation, concepts, standards and principles underlying the measurement and reporting of financial position.

ACG 2360
Cost Accounting (3) (A.A.S./A.S.)
Prerequisite: ACG 2071. The accumulation of cost data with detailed coverage of materials, labor and factory overhead, job order and process costing, budgeting and standard costs. Additional special fees are required.

ACG 2930
Special Topics in Accounting (1-3 variable) (A.A.S./A.S.)
This course is designed to meet the special needs of individuals or groups for whom regularly described courses in accounting may not be available. (Offered as needed)

AER, Automotive Mechanics

AER 1081
Introduction to Automotive Technology (3) (A.A.S./A.S.)
This course is designed to introduce students to the field of automotive service. Topics include auto service careers, shop safety, fuels, lubricants, fasteners, tools and equipment. It also includes an introduction to the systems and instruction in fundamental service procedures.

AER 1198
Auto Engine Diagnostics and Repair (3) (A.A.S./A.S.)
This course is designed to teach the principles and procedures necessary to rebuild an automotive engine. Topics include engine diagnosis, engine removal, engine disassembly, engine rebuilding, engine reassembly, engine installation, valve adjustment and road test procedures. Special emphasis will be given to safety procedures and specific tools, fasteners and equipment to be used.

AER 1298
Transmission and Drive Systems* (6) (A.A.S./A.S.)
Prerequisite: AER 1081. This course is designed to teach the principles and operations of transmissions and drive systems. Topics include manual and automatic transmissions, transaxles, clutches, propeller shafts, electronic controls, overdrive systems, differentials and axles. Special emphasis will be given to safety procedures and the specific tools and instruments used in diagnosis and repair.

AER 1690
Automotive Electrical Systems* (2) (A.A.S./A.S.)
Prerequisite: AER 1081. This course is designed to teach the principles and operations of the basic electrical circuits found in automobile systems and to provide practical experience in the service and repair of these systems. Topics include starting and charging systems, ignition and fuel systems, chassis electrical circuits and electrical accessory circuits. Special emphasis will be given to safety procedures and the specific tools and equipment to be used.

AER 1694C
Automotive Electronics* (4) (A.A.S./A.S.)
Prerequisites: AER 1081 and AER 1692. This course is designed to teach the fundamental principles of electronics and to introduce the application of electronics in the modern automobile. Topics include solid-state devices, sensors and actuators, computer inputs and outputs, logic circuits and electronic control circuits. Special emphasis will be given to safety procedures and the specific tools and equipment used in diagnosis.

AER 2498
Steering and Suspension Systems* (2) (A.A.S./A.S.)
Prerequisite: AER 1081. This course is designed to teach the theory and design of steering systems, suspension systems and wheel alignment. Topics include wheel balancing, wheel angles, rack-and-pinion and power-assisted steering systems. Special emphasis will be given to safety procedures and the specific tools and instruments used in diagnosis and repair.

AER 2598
Brake Systems and Chassis Repair* (2) (A.A.S./A.S.)
Prerequisite: AER 1081. This course is designed to teach the theory, design and operation of braking systems. Topics include drum brake systems, disc brake systems, hydraulics, power assist systems and anti-lock braking systems. Special emphasis will be given to safety procedures and the specific tools and equipment used in diagnosis and repair.

AER 2794C
Heating and Air-Conditioning Theory* (1) (A.A.S./A.S.)
Prerequisites: AER 1081 and AER 1692. This course is designed to teach the principles and operations of auto-
bile heating and air-conditioning systems, including refrigerant recovery and recycling techniques. Special emphasis will be given to safety procedures and the testing, diagnosis and repair of heating and air-conditioning systems.

AER 2840C
Computer Engine Control* (6) (A.A.S./A.S.)
Prerequisites: AER 1081, AER 1692, AER 1694C. This course is designed to teach the latest in computerized transmission and engine controls, electronic fuel and ignition systems, emission controls and instrumentation systems. Special emphasis will be given to safety procedures, theory of operations, system design and the specific tools and instruments used in diagnosis and repair. Offered as AER 2522 prior to Fall 2008.

AER 2850C
Engine Tune-up and Emission* (3) (A.A.S./A.S.)
Prerequisites: AER 1081, AER 1692, AER 1694C, AER 2840C. This course is designed to teach the fundamentals and diagnostic procedures of engine performance and emission control systems. Special emphasis will be given to safety procedures and the practical applications of oscilloscopes, scan tools, electronic test equipment and exhaust gas analysis.

AER 2943
Cooperative Dealership Training** (3) (A.A.S./A.S.)
This course provides for a minimum of 320 hours of work experience in a supervised setting.

AER 2944
Cooperative Dealership Training** (3) (A.A.S./A.S.)
This course provides for a minimum of 320 hours of work experience in a supervised setting.

* Course taught at Sarasota County Technical Institute
** Course taught at automobile dealership

AMH, American History

AMH 1010
History of the United States I (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements. This one-term survey course of United States history covers the European discoveries of the Western Hemisphere to the end of Reconstruction. Emphasis is on historical study to determine the social, economic and political issues through Reconstruction.

AMH 1020
History of the United States II (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements. This one-term course of United States history covers the end of Reconstruction to the present. Emphasis on historical study to determine the social, economic, and political problems of the 20th and 21st centuries.

AMH 1091
African-American History and Culture (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course introduces the student to the history and culture of African-Americans. The aim of the course is threefold: 1) to analyze the discourse that surrounds African-American history and culture; 2) to observe major trends in African-American history and culture; and 3) to examine the critical nexus of race/class and its implications for future generations.

AMH 2930
Special Topics in American History (1-4 variable) (A.A.)
Prerequisites: Permission of instructor. This course is designed to meet the specific needs of individuals or groups for whom regularly described courses may not be available.

AML, American Literature

AML 2010
American Literature I (3) (A.A.)
Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. The term begins with a study of the literature of Native Americans and European explorers and continues with literature of colonization, federalization, Transcendentalism and the development of major American literature to 1865. Emphasis is on the richness of cultural, racial and gender diversity that constitutes the American experience.

AML 2020
American Literature II (3) (A.A.)
Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course begins in 1865 and explores literary Realism, Naturalism, Modernism and Post-Modernism. Emphasis is on the richness of cultural, racial and gender diversity that constitutes the American experience.

AML 2600
African-American Literature (3) (A.A.)
Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. Historical and critical analyses of African-American literature; its roots in an Afro-centric cultural
and literary experience that affects major genres and historical movements: slave narrative, poetry, folklore, drama, political essay; the Harlem Renaissance; and the development of the novel and contemporary writers are covered.

**ANT, Anthropology**

**ANT 2000**
**Introduction to Anthropology (3) (A.A.)**
Prerequisite: ENC 1101 with a grade of "C" or better. This course meets Area III of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course is an introduction to the study of humanity and its culture. It is accomplished by studying physical and cultural anthropology, archaeology and linguistics.

**ANT 2100**
**Introduction To Archaeology (3) (A.A.)**
This course meets Area III of the A.A./A.A.S./A.S. general education requirements. This course highlights the basic concepts and fundamental principles of method and theory in modern archaeology. The history of archaeology is traced from its origins to its emergence as a scientific discipline within anthropology. Students are familiarized with the concepts and methods of modern archaeology, and with the scientific goals of archaeological research. A survey of the latest advances in the field such as remote sensing and non-intrusive techniques is included. As a writing intensive course, ANT 2100 will allow students to explore the subject through a variety of college-level writing exercises that may include essay exams, book reviews, research papers, reaction papers, research proposals, research designs and excavation logs.

**ANT 2410**
**Introduction to Cultural Anthropology (3) (A.A.)**
This course meets part of the International/Intercultural requirement. This course introduces the student to the study of human cultures on a global scale including Native American, European, African, Asian and oceanic societies. Topics to be explored include technologies, political-economic organization, kinship systems, religion, art and cultural change.

**ANT 2930**
**Special Topics in Anthropology (1-3 variable) (A.A.)**
Prerequisites: ANT 2000 and permission of the instructor. This course is designed to meet the specific needs of individuals or groups for whom regularly described courses may not be available. It may involve study, research or field projects in areas such as physical anthropology, archaeology, linguistics or cultural anthropology.

**APA, Applied Accounting**

**APA 1111**
**Introduction to Accounting (3) (A.A.S./A.S.)**
Three hours per week. A general survey course for non-business majors whose program only requires three hours of accounting. A study of the accounting equation, commonly used accounting statements including income measurement, financial condition, cash flow and retained earnings and how they meet the needs of stakeholders including owners, creditors, government agencies, providers of capital, managers and employees. This course is neither a prerequisite nor substitute for ACG 2011.

**APA 2141**
**Computers for Accounting Applications (3) (A.A.S./A.S.)**
Prerequisites: ACG 2021C and CGS 1570. This course provides a realistic approach to computerized, integrated accounting principles. Accounting systems commonly found in business environments will be examined. Standards, capability, limitations and flexibility of computerized accounting systems will be discussed and implemented. Additional special fees are required. (Spring)

**ARH, Art History**

**ARH 2000**
**Art Appreciation (3) (A.A.)**
This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course is a multimedia/lecture approach to the understanding and appreciation of art. The course introduces the student to the formal elements of art, the different art mediums and how art is made, as well as placing art in an historical context. Emphasis will be placed on the changing role of art and artists throughout history as well as the political, cultural and scientific values that have molded the art world.

**ARH 2050**
**Introduction to History of Art I (3) (A.A.)**
Prerequisite: ENC 1101 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. The course is a survey of the art of the world from prehistoric times through the medieval period in the West and a study and comparison of Western art with that of the Orient, the Pre-Columbian Americas and Tribal Africa.

**ARH 2051**
**Introduction to History of Art II (3) (A.A.)**
Prerequisite: ENC 1101 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. The course is a survey of the art of the world from
the Renaissance to contemporary times. Developments in architecture, painting, sculpture and minor arts of the world from the 15th through the 20th century will be discussed.

**ART, Art**

**ART 1201C**
**Two-Dimensional Design (3) (A.A.)**
Three hours studio/lecture per week. This introductory studio course presents the fundamental principles of visual organization in the arts. The plastic elements are explored through direct experience with materials to achieve a sensitive response in problem solving. Additional special fees are required.

**ART 1203C**
**Three-Dimensional Design (3) (A.A.)**
Three hours studio/lecture per week. This course is designed to develop a working understanding and appreciation of the interaction of form in space. Additional special fees are required.

**ART 1205C**
**Color Fundamentals (3) (A.A.)**
Three hours studio/lecture per week. This course will explore color mixing and the effective use of color theory in the visual arts. Additional special fees are required.

**ART 1300C**
**Drawing I (3) (A.A.)**
Three hours studio/lecture per week. Drawing I is an introduction to the basic processes, concepts and conventional drawing materials. Additional special fees are required.

**ART 1301C**
**Drawing II (3) (A.A.)**
Three hours studio/lecture per week. Prerequisite: ART 1300C. Drawing II continues the introduction of drawing through studio practice in composition, basic techniques and applications to figure and various media such as painting and printmaking. Additional special fees are required.

**ART 2330C**
**Figure Drawing I (3) (A.A.)**
Three hours studio/lecture per week. Prerequisites: ART 1300C-1301C or permission of department. Students are prepared for application in the basic phases of drawing the figure. Through observing the visual study of the movement, structure and rhythm of the figure, students will grasp the basics in rendering the human form onto a two dimensional field. Additional special fees are required.

**ART 2331C**
**Figure Drawing II (3) (A.A.)**
Three hours studio/lecture per week. Prerequisites: ART 2330C or permission of department. Intermediate techniques of figure drawing. The emphasis of this course is in the continuation of application. Students are prepared for the application into the intermediate phases of drawing the figure. Through observing the visual study of the movement, structure and rhythm of the figure, students will grasp an elevated understanding of the human form. Additional special fees are required.

**ART 2400C**
**Printmaking I (3) (A.A.)**
Three hours studio/lecture per week. This course introduces the materials, creative processes and development of individual concepts in woodcut, intaglio and screen printing. Additional special fees are required.

**ART 2401C**
**Printmaking II (3) (A.A.)**
Three hours studio/lecture per week. Prerequisite: ART 2400C or permission of instructor. This course is an advanced study in relief printing, intaglio, silkscreen, lithography and the development of individual concepts. Additional special fees are required.

**ART 2500C**
**Painting I (3) (A.A.)**
Three hours studio/lecture per week. This course is an introduction to the basic conceptual techniques of painting. The main emphasis of this course involves color mixing, composition, form and perspective techniques including the basics in media preparation. Furthermore, the exploration of shape and space through the training of observation is approached. Additional special fees are required.

**ART 2501C**
**Painting II (3) (A.A.)**
Three hours studio/lecture per week. Prerequisites: ART 2500C or approval of department. Intermediate techniques of painting. The emphasis of this course is in the continuation of application. Moreover, the aesthetic quality of the presentation is investigated. Intermediate students receive instruction in the application of alternative painting techniques, unique perspective control, compositional form and emerged thought. Additional special fees are required.

**ART 2600C**
**Introduction to Digital Studio Practice (3) (A.A.)**
Prerequisite: ART 1201C, ART 1300C or permission of instructor. This course is an exploration of various forms of computer-generated and photographic imagery, and the processes used to digitally alter, edit, and enhance that imagery including still image capture, editing and compositing, vector and raster drawing, and an introduction to virtual 3D forms and modeling. The course also acquaints the student with the artist critique, involving presentation, discussion, and analysis of electronic media. Additional special fee is required.
ART 2701C  
Sculpture (3) (A.A.)  
Three hours studio/lecture per week. In this class, concentration will be on aesthetic principles, techniques and materials used in the medium. Materials used will be stone and clay with an emphasis on plaster waste-mold construction. Alternative materials that may be used include wood and polyester resin. Additional special fees are required.

ART 2702C  
Sculpture II (3) (A.A.)  
Three hours studio/lecture per week with the expectation that students will put in additional hours for time-consuming projects. Prerequisite: ART 2701C. This course offers more advanced sculptural concepts and techniques in multiple forms and installation format. Materials used are clay, stone and alternative materials such as found object constructions. More emphasis is on mold making. Additional special fees are required.

ART 2750C  
Introduction to Ceramics (3) (A.A.)  
Three hours studio/lecture per week. This course gives a basic knowledge of ceramic hand-building techniques with the exception of wheel work. The clays used are predominantly raku and high-fire stoneware. Additional special fees are required.

ART 2752C  
Wheelthrowing I (3) (A.A.)  
Three hours studio/lecture per week plus minimum of three additional hours involving a concentrated approach to the wheel and/or continued hand building. The students are responsible for making their own clay and will learn to fire electric and gas kilns. Glaze chemistry is introduced and experimentation with recipes is encouraged. Additional special fees are required.

ART 2753C  
Wheelthrowing II (3) (A.A.)  
Three hours studio/lecture per week plus a minimum of three additional hours involving advanced throwing techniques. Prerequisite: ART 2752C. The students are responsible for making their own clay and assisting with the loading of gas and electric fired kilns. Students will continue to work with glaze chemistry as they explore the use of limit formulas in developing new glazes from scratch. Additional special fees are required.

ART 2771C  
Advanced Ceramics (3) (A.A.)  
Three hours studio/lecture per week. Prerequisites: Either ART 2750C or ART 2752C. More emphasis is placed on the aesthetics of clay work rather than traditional forming techniques. Students are encouraged to follow their own line of interests and where possible, fire their own work. Additional special fees are required.

ART 2930  
Special Topics: Art (1-3 variable) (A.A.)  
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

ASL, American Sign Language - Interpreting

ASL 1140C  
American Sign Language I (4) (A.A.)  
Four hours per week. Includes one hour of laboratory work. This course is an introduction to the basic vocabulary, grammar and syntax of American Sign Language. The history, values and culture of the deaf are explored.

ASL 2150C  
American Sign Language II (4) (A.A.)  
Four hours per week. Includes one hour of laboratory work. Prerequisite: ASL 1140C. This course expands knowledge and vocabulary introduced in American Sign Language I by emphasizing increasingly complex grammatical structure and conversational skills.

AST, Astronomy

AST 1002  
Descriptive Astronomy (3) (A.A.)  
The course meets Area V requirements for the A.A./A.A.S./A.S. general education requirements. This course is designed to give the students an understanding of the basic principles of astronomy. Topics covered include history of astronomy, timekeeping, instrumentation, properties of light, basic mechanics and celestial dynamics. This course uses a descriptive approach with a minimum of mathematics. Some fieldwork is required.

BCN, Building Construction

BCN 1057  
Energy Efficient HVAC Engineering (3) (A.A.S./A.S.)  
Prerequisite or corequisite: MTB 1321 or permission of program director. This course is an introduction to heating, ventilation and air conditioning systems installed in residential home building. The systems will be studied for code requirements, system design, HVAC safety and working principles.

BCN 1251C  
Construction Drafting (4) (A.A.)  
This course is an introduction in the use of tools/techniques used in preparing a set of residential working drawings. A complete set of plans is required (in order to obtain a permit) and the set of plans must be saleable (having good design features). Emphasis will be on developing accuracy, line quality, construction vocabulary and understanding the design process.
BCN 1554
Off the Grid (3) (A.A.S./A.S.)
This course reviews the various programs and organizations that emphasize low, very low and net-zero building impact. Sustainable concepts such as stormwater retention systems, solar systems, photovoltaics, biofuels, roof top gardens, reforestation and zeronscaping will be discussed, while continuing to address building aesthetics and beauty. Programs and organizations related to sustainability such as LEED, COTE, USGBC and the Living Building Challenge are highlighted. This class includes lecture and guest speakers.

BCN 1592
Energy Efficient Building Construction for Florida’s Climate (3) (A.A.S./A.S.)
Prerequisite or corequisite: MTB 1321 or permission of program director. This is an introductory course to designing and building energy efficient structures for Florida’s sub-tropical and tropical climates. This course investigates strategies, elements and devices that have been used successfully, in both historic and contemporary contexts, to enhance human comfort with less impact on the environment.

BCN 1597
Introduction to Solar Energy (3) (A.A.S./A.S.)
Prerequisite or co-requisite: MTB 1321 or permission of program director. This course is an introduction to the characteristics of solar energy and the passive and active uses of solar energy in heating and cooling situations in typical residential construction. The course explores the characteristics of solar energy, its adaptation by the earth’s atmosphere, and current and future methods available to harness, control, and best utilize this source of energy. The course emphasizes the potential advantages available in the sustainability of this natural resource. The course will focus on the climate of the southeastern United States.

BCN 2046
Sustainable Florida (3) (A.A.S./A.S.)
Through lectures, readings, class discussions and a term paper, this course examines issues essential to scholarship in the history, theory and practice of sustainability. Prominent issues include food security, biodiversity, energy use trends, resource extraction, economic and social drivers, and best practices for building design and community planning.

BCN 2230
Building Construction Materials and Methods (4) (A.A.)
This course is designed to teach the principles and practices of light construction. Building layout, form work for concrete, concrete placing, block and frame, stair building, roof framing, and exterior and interior finishes are some of the topics to be covered.

BCT, Building Construction Trades

BCT 1720
Project Management (3) (A.A.S./A.S.)
This course is a study of the orderly flow of steps from start to finish in a construction project. The basic concepts and techniques of the PERT and CPM methods of network planning and scheduling will be covered. This course will develop the skills necessary to successfully apply the critical path method to the construction industry and answer the critical path problems found on the Florida State Certification Exam.

BCT 2760
Building Codes and Specifications (3) (A.A.S./A.S.)
This course will cover current SBCCI Standard Building Code, 2001 edition and the SBCCI Standard for Hurricane Resistant Residential Construction. In addition, the writing and reading of specifications, bidding procedures and the relationships between contractor, engineer, architect, owner, subcontractor and supplier will be covered. The student also will study questions similar to those found on the Florida State Certification Exam.

BCT 2770
Building Construction Estimating (3) (A.A.S./A.S.)
This is a study of estimating for the construction industries. Accurate estimates and computations are made of materials, labor, equipment, overhead costs and profits. The steps of estimating are covered from preliminary investigation through approximation to final estimate.

BSC, Biological Sciences

Students already with credit for:
BSC 2010C
BSC 2011C
BSC 2085C, 2093C
BSC 2086C, 2094C
MCB 2003C, 2010C,

Cannot subsequently get credit for:
BSC 1005C. Additional special fees are required.

BSC 1005C
Diversity of Life (3) (A.A.)
Four hours lecture/lab per week. The course meets Area V requirements for the A.A./A.A.S./A.S. general education requirements. This course is designed to introduce students to the diversity of life on Earth and integrate current issues to teach biological concepts. Topics covered include cells, organisms, genetics, evolution, ecology and behavior. This course investigates the traits and ecological roles of bacteria, protists, fungi, plants, and animals. Many topics will be taught through contemporary issues such as endangered species and threatened habitats. This course is appropriate for non-science majors. Students already with credit for MCB 2003 or BSC2011C cannot subsequently get credit for BSC1005C. Additional special fees are required.
BSC 1007C
Introduction to Biology (4) (A.A.)
Three hours lecture, two hours laboratory per week. The course meets Area V requirements for the A.A./A.A.S./A.S. general education requirements. It is designed to give the student an understanding of the unifying principals governing life. The course is appropriate for nontechnical majors and it is a recommended prerequisite for BSC 2010C, BSC 2085C and MCB 2010C. Students already with credit for BSC 2010C or MCB 2010C cannot subsequently receive credit for this course. Course topics include chemistry of living organisms, cell structure and function, energy and its transformations, cell division process, genetics and review of current biology research.

BSC 1007L
Introduction to Biology Laboratory (0) (A.A.)
Companion laboratory to BSC 1007C. Additional special fees are required.

BSC 1008
Human Body (3) (A.A.)
The course meets Area V requirements for the A.A./A.A.S./A.S. general education requirements. In this class the student will be introduced to the organs and organ systems of the body and study the normal anatomy and physiology of each system, followed by specific diseases affecting the systems. The student will learn the functions of the major organs of the integumentary, nervous, endocrine, circulatory, respiratory, digestive and genitourinary systems. Students already with credit for BSC 2011C, 2085C or 2086C cannot subsequently get credit for BSC 1006 or 1008.

BSC 1421
Introduction to Biotechnology (1) (A.S.)
This is a seminar series survey course that provides an introduction to the foundations of biotechnology, including current DNA and RNA technologies, as well as its historical background, the cell and genetic disorders. The course will include an emphasis on current applications in medicine, agriculture, forensics and the environment.

BSC 1949
Co-op Work Experience I (1-3 variable) (A.A.)
A total of 160 hours of work experience is required. Prerequisite: Completion of at least one natural science course and permission of the instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences and is intended to be a last-term elective. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project. Cooperative education courses document supervised work experience within the student's major. These hours are not transferable as upper-level internships, practicums or clinical practice. The credit will count toward electives in some A.A. degrees. Contact the departments or universities for specific credit information. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

BSC 2010C
Fundamentals of Biology I (5) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisite: CHM 1025C with a grade of "C" or better or one year of high school preparatory chemistry. This course meets Area V requirements for the A.A./A.A.S./A.S. general education requirements. This course is the first portion of a comprehensive study of the fundamentals of biology, including molecular biology, cellular biology, genetics, cell respiration and cell replication. This course is intended for the science and science-related majors. It is strongly recommended that students without recent coursework in biology take BSC 1007C.

BSC 2010L
Fundamentals of Biology I Laboratory (0) (A.A.)
Companion laboratory to BSC 2010C. Additional special fees are required.

BSC 2011C
Fundamentals of Biology II (5) (A.A.)
Three hours lecture and three hours laboratory per week. Prerequisite: BSC 2010C with a grade of “C” or better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course is the second portion of a comprehensive study of the fundamentals of biology including; evolution, population genetics, phylogenetic systematics, form and function of bacteria, protists, fungi, plants and animals, and ecology. This course is intended for science and science-related majors.

BSC 2011L
Fundamentals of Biology II Laboratory (0) (A.A.)
Companion laboratory to BSC 2011C. Additional special fees are required.

BSC 2031
Topics in Biology- Bioethics (1) (A.S.)
One hour of discussion per week based on reading assignments. Prerequisite: Completion of BSC 2010 with a grade of “C” or higher. This is a one-credit course that meets the requirement for the A.S. degree in Biotechnology. This course is a series of discussions based on pertinent topics in the biological research with societal impact. The course covers a broad range of ethical issues that relate to the fields of biology and medicine.

BSC 2085C
Anatomy and Physiology I (4) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisite: 83 or higher on the Postsecondary Education Readiness Test (PERT) in reading. This course meets Area V requirements for the A.A./A.A.S./A.S. general education requirements. This course begins with a review of basic chemistry and cell
biology, then proceeds with the anatomy and physiology of tissues and the following organ systems: integumentary, skeletal, muscular and nervous. The remaining organ systems (endocrine, cardiovascular, respiratory, immune, digestive, urinary and reproductive) are covered in BSC 2086C, for which successful completion of BSC 2085C is a prerequisite. It is strongly recommended that students without recent course work in biology take BSC 1007C.

**BSC 2085L**
**Anatomy and Physiology I Laboratory (0) (A.A.)**
Companion laboratory to BSC 2085C. Additional special fees are required.

**BSC 2086C**
**Anatomy and Physiology II (4) (A.A.)**
Three hours lecture, three hours laboratory per week. Prerequisite of BSC 2085C with a grade of "C" or better. This course meets Area V requirement for the A.A./A.A.S./A.S. general education requirements. This course studies the anatomy and physiology of the human body beginning with basic definitions and including the integumentary, skeletal, muscular, nervous, respiratory, digestive, reproductive, endocrine, immune, urinary and circulatory systems.

**BSC 2086L**
**Anatomy and Physiology II Laboratory (0) (A.A.)**
Companion laboratory to BSC 2086C. Additional special fees are required.

**BSC 2419C**
**Plant and Animal Cell Culture (4) (A.S.)**
Prerequisite: successful completion of BSC 1007 or BSC 2010. This course covers the theories and techniques used in isolating and cultivating animal and plant cells in vitro. It includes applications of cell culture to solving problems relating to age, cancer, toxicology and genetic engineering.

**BSC 2420C**
**Introduction to Biotechnology Methods (4) (A.S.)**
Four hours lecture/laboratory per week. Prerequisites: successful completion of BSC 1421 and BSC 2010. This course includes basic concepts and techniques necessary to work effectively in a biotechnology laboratory. Basic skills learned include: following procedures and keeping records; laboratory safety procedures for biological, chemical, and radiological hazards; laboratory mathematics and measuring; preparing solutions; and basic techniques used for the separation of biomolecules. Emphasis will be on DNA manipulation techniques. Students develop confidence in their ability to work safely with proficiency in the use of basic biotech lab instruments.

**BSC 2426C**
**Biotechnology Methods I (3) (A.S.)**
Prerequisite: successful completion of BSC 2426C. This course introduces students to modern concepts of molecular biology, with a laboratory focus on basic methods for preparing and analyzing nucleic acids. Emphasis is on techniques required for RNA purification and manipulation.

**BSC 2427C**
**Biotechnology Methods II (4) (A.S.)**
Four hours lecture/laboratory per week. Prerequisite: successful completion of BSC 2427. This course explores methods for analyzing proteins within the context of biotechnology applications.

**BSC 2435C**
**Introduction to Bioinformatics (3) (A.S.)**
Three hours lecture/laboratory per week. Prerequisite: successful completion of BSC 2426C. This course presents students with the fundamental knowledge and skills of bioinformatics. Specific topics to be covered include: data file formats, accessing public databases for retrieval and submission; analysis using common tools and scripting; methods for high throughput data collection, storing and accessing biological data, and algorithms used to analyze data.

**BSC 2822C**
**Introduction to Astrobiology (3)**
Three hours lecture/laboratory per week. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course will explore the possibility of extraterrestrial life through scientific comparisons of life forms and ecosystems here on Earth and in outer space. Past and current discoveries, including ongoing research, in planetary science, astronomy, and the origin of life will be discussed.

**BSC 2930**
**Special Topics in Bioscience (1-4 variable) (A.A.)**
This course is designed to meet the special needs of individuals or groups for whom regularly described courses in biological science may not be available.

**BSC 2943C**
**Internship in Biotechnology (3) (A.S.)**
A total of 160 hours of work experience is required. Prerequisite: completion of at least one natural science course and permission of the instruction or program manager. This work-study course is designed to continue training in a student's academic major through field experiences and is intended to be a last-term elective. The student, instructor, and work site supervisor work together to determine specific learning objectives for each student. The student is evaluated based on documentation for satisfactory completion of the learning objectives and technical project. Cooperative education courses document supervised work experience within the student's major. These hours are not transferable as upper level internships, practicums, or clinical practice. The credit will count toward electives in some A.A. degrees. Contact the departments or universities for special credit information.

**BSC 2949**
**Internship in Biological Science (1-3 variable) (A.A.)**
Four, eight or 12 hours of volunteer or work experience
per week are expected depending on the credit hour requirements. Prerequisite: BSC 1949 and permission of the instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation for satisfactory completion of the learning objectives and technical project. Cooperative education courses document supervised work experience within the student's major. These hours are not transferable as upper level internships, practicums or clinical practice. The credit will count toward electives in some A.A. degrees. Contact the departments or universities for specific credit information. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

**BUL, Business Law**

**BUL 2131 Legal Environments of Business (3) (A.A.S./A.S.)**

This course introduces the legal environment of businesses and organizations. Emphasis is on public and regulatory law and on the social, political and ethical aspects of legal issues in business. Topics include the nature of law and legal process, law of contracts and torts, the United States Constitution, statutory and common law, business organizations and securities, antitrust, consumer protection and employment law.

**CAP, Computer Applications**

**CAP 2930 Special Topics in Computer Science (1-3 variable) (A.A.S./A.S.)**

This course is designed to meet specific needs of individuals or groups for which regular, described courses may not be available. It may involve advanced programming projects, research, group projects or other experiences.

**CCJ, Criminology and Criminal Justice**

*Also see CJC, CJE, CJI, CJI*

**CCJ 1020 Introduction to Criminal Justice (3) (A.A.)**

This course defines the components of criminal justice and their responsibilities. The course identifies problems that keep the criminal justice system from functioning effectively and efficiently and explains the functions and procedures of the uniform crime reporting system. It will include information that contrasts present criminal justice concepts and practices with their historical precedents and describes the procedures offenders undergo in their progression through the system. This course explains the duties of the bailiff, witness and defendant, addresses notification and scheduling for court, and evaluates the present value of the Peelian principles.

**CCJ 1600 Deviant Behavior (3) (A.A.)**

This course discusses these topics: professional behavior and attitudes toward abnormal behavior; theories of normal and abnormal human defense mechanisms and mental disturbances that are confronted by law enforcement; psychopathic behavior with the "normal" criminal; crisis intervention techniques in handling family violence situations; suicidal behavior and forms of suicide; deviant and abnormal sexual behavior, sex crimes and basic theories and philosophies of deviance.

**CCJ 2010 Introduction to Criminology (3) (A.A.)**

This course analyzes the development of the field of criminology; summarizes the factors and forces assumed to cause crime; illustrates the impact of crime on persons and property; discusses the extent of crime in the U.S.; defines victimless crimes and the origin of that term; and discusses the ramifications of violent crimes, the career criminal and organized crime.

**CET, Computer Engineering Technology**

**CET 1114C Digital Fundamentals (4) (A.A.S./A.S.)**

Prerequisite: EET 1033. This course covers number systems, codes, logic gates, Boolean algebra, logic simplification and combinational logic. The areas of coverage also include the study of the theory, concepts, and circuits of digital electronics including decoders, encoders, multiplexers, flip flops, counters, and registers used in the applications of combinational and sequential logic. The laboratory exercises cover the measurement and analysis of digital circuits and devices. Additional special fee is required.

**CET 1600 Networking Fundamentals (3) (A.A.S./A.S.)**

Prerequisite: CGS 1000 or CGS 1570 or permission of instructor. This course is the first of two courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. Instruction includes, but is not limited to, networking, network terminology and protocols, network standards, local area networks (LANs), wide area networks (WANs), the open system interconnection (OSI) reference model, cabling, routers, LAN/WAN topologies, Internet protocol (IP) addressing and network standards. Additional special fee is required.

**CET 1610 Router Technology (3) (A.A.S./A.S.)**

Prerequisite: CET 1600 or permission of instructor. This course is the second of two courses designed to provide students with classroom and laboratory experience in current and emerging networking technology. This course focuses on router configuration and the use of key routing protocols. Students develop skills in configuring a router and managing Cisco IOS Software. After the successful completion of CET 1600 and CET 1610,
students will have a solid foundation to pursue the Cisco CCENT exam, which is one of two exams leading to CCNA certification. Additional special fee is required.

**CET 2123C**  
Microprocessor Fundamentals (4) (A.A.S./A.S.)  
Prerequisite: CET 1114C. This course covers number systems, codes, logic gates, Boolean algebra, logic simplification and combinational logic. The areas of coverage include the study of the theory, concepts, and circuits of digital electronics including decoders, encoders, multiplexers, flip flops, counters, and registers used in the applications of combinational and sequential logic. The laboratory exercises cover the measurement and analysis of digital circuits and devices. Additional special fee is required.

**CET 2535C**  
Process Control Systems (4) (A.A.S./A.S.)  
Two hours lecture, four hours laboratory per week. Prerequisite: CET 1127C or permission of instructor. This course provides theory and applications of the microprocessor as a control device to regulate, position, count and detect in industrial electronics, power and motor control applications. Additional special fees are required. (Spring)

**CET 2792**  
Supporting Microsoft Windows Server (3) (A.A.S./A.S.)  
Prerequisite: CTS 1300. This course provides students with the knowledge and skills necessary to install and configure Microsoft Windows Server on computers that are part of a work-group or a domain. In addition, this course provides the skills and knowledge necessary to install and configure Microsoft Windows Server to create file, print and use terminal servers. Additional special fees are required.

**CET 2794**  
Supporting Active Directory Services in a MS Windows Server Network (3) (A.A.S./A.S.)  
Prerequisite: CTS 1300. This course is designed to provide students with the knowledge and skills necessary to design, install, configure and administer Microsoft Windows Directory Services. The course also focuses on implementing Group Policy and understanding the Group Policy tasks required to centrally manage users and computers. Additional special fees are required.

**CGS, Computer General Studies**  
**CGS 1000**  
Computer Information Systems (3) (A.A.)  
Three hours lecture per week, plus laboratory as assigned by instructor. This course meets Area V requirement for the A.A.S/A.S. general education requirements. This course surveys the computing field. The student is introduced to hardware, software, storage concepts, local area networks, data communications, data security, privacy issues, the copyright law, file management techniques, e-mail, the Internet and productivity software using an integrated software package. Additional special fees are required.

**CGS 1543**  
Database Design and Implementation (3) (A.A.S./A.S.)  
Three hours of lecture per week, plus laboratory as assigned by instructor. Prerequisite: CGS 1000 or CGS1570 or COP 2170 or permission of instructor. Students study relational database design principles in the context of a popular database management software package. Relationships, entity-relationship diagrams and normalization are emphasized. Implementation includes the creation of tables, queries, forms, reports, macros and programs. Additional special fee is required.

**CGS 1570**  
Integrated Business Apps Software (3) (A.A.)  
Three hours lecture per week, plus laboratory as assigned by instructor. Suggested prerequisite: CGS 1000 or good computer background. This course will build on the study of integrated business software begun in CGS 1000 with intermediate work in word processing, spreadsheeting, database management and an introduction to presentation software. Integrating these applications to solve complex business problems will be emphasized. Additional special fees are required.

**CGS 1949**  
Internship in Computer Science (1-3 variable) (A.A.S./A.S.)  
A total of 160 hours of work experience is required. Prerequisite: Completion of at least 18 hours of computer science courses and/or permission of instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences and is intended to be a last-term elective. The student, instructor and work-site supervisor work together to determine specific learning objectives and work assignments. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

**CGS 2820C**  
Web Page Development (3) (A.A.S./A.S.)  
Three hours lecture per week plus laboratory as assigned by instructor. This course will present an introduction to creating Web pages. Topics to be discussed include the hypertext markup language, displaying text, creating links, adding graphics, building Web pages with multimedia (sound, video, Java applets), frames, forms and JavaScript. Dynamic HTML is introduced to make interactive Web pages. Additional special fees are required.
**CHM, Chemistry**

**CHM 1022C**
The Chemistry of Everyday Life (3) (A.A.)
Four hours lecture/laboratory per week. The course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course assumes no prior knowledge of chemistry and is designed primarily for persons in the liberal arts interested in obtaining a deeper understanding of the science of everyday life. This course explores the chemistry seen in the world around us. Additional special fees are required.

**CHM 1025C**
Introductory Chemistry (5) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisite: MAT 1033 with a grade of "C" or better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course is designed primarily to prepare students for entrance into the general chemistry course, CHM 2045C.

**CHM 1025L**
Introductory Chemistry Laboratory (0) (A.A.)
Companion laboratory to CHM 1025C. Additional special fees are required.

**CHM 1032C**
Chemistry for Health Professionals (4) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisite: MAT 1033 or higher with a grade of "C" or better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course is designed primarily for allied health science majors (students entering into the B.S.N. program) and is not an acceptable prerequisite for CHM 2045C. This course is a survey of general chemistry, organic chemistry and biochemistry.

**CHM 1032L**
Chemistry for Health Professionals Laboratory (0) (A.A.)
Companion laboratory to CHM 1032C. Additional special fees are required.

**CHM 1083C**
Chemistry for the Consumer (3) (A.A.)
Four hours lecture/lab per week. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course teaches basic chemical concepts from the aspect of the human consumers. This course assumes no prior knowledge of chemistry and is designed primarily for the liberal arts student who is interested in an understanding of chemistry in consumer products such as food, medications, cosmetics, etc.

**CHM 2045C**
General Chemistry I (5) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisites: Completion of or concurrent enrollment in MAC 1105. Completion of CHM 1025C with a grade of "C" or better or one year of high school college preparatory chemistry within last three years. This course meets Area V for the A.A./A.A.S./A.S. general education requirements. A rigorous study of chemical principles for students who have already studied basic concepts of chemistry. This course is intended for science and science-related majors.

**CHM 2045L**
General Chemistry I Laboratory (0) (A.A.)
Companion laboratory to CHM 2045C. Additional special fees are required.

**CHM 2046C**
General Chemistry II (5) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisite: Completion of CHM 2045C with a grade of "C" or better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. A rigorous study of chemical principles for students planning science and science related majors.

**CHM 2046L**
General Chemistry II Laboratory (0) (A.A.)
Companion laboratory to CHM 2046C. Additional special fees are required.

**CHM 2210C**
Organic Chemistry I (5) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisites: CHM 2045C-2046C with grades of "C" or better. This course includes a study of the structure, synthesis and reactions of alkanes, alkenes, alkynes, alkyl halides, alcohols, ethers and epoxides. It is designed to prepare science majors and preprofessional students for upper-division courses in the major field.

**CHM 2210L**
Organic Chemistry I Laboratory (0) (A.A.)
Companion laboratory to CHM 2210C. Additional special fees are required.

**CHM 2211C**
Organic Chemistry II (5) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisites: CHM 2210C with a grade of "C" or better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course includes a study of the structure, synthesis and reactions phenols, aromatics, ketones, aldehydes, esters, amines, carbohydrates and acid derivatives. It is designed to prepare science majors and preprofessional students for upper-division courses in the major field.
CHM 2211L
Organic Chemistry II Laboratory (0) (A.A.)
Companion laboratory to CHM 2211C. Additional special fees are required.

CHM 2930
Special Topics in Chemistry (1-4 variable) (A.A.)
This course is designed to meet the special needs of individuals or groups for whom regularly described courses in chemistry may not be available.

CIS, Computer Science and Information Systems

CIS 1355
Security Engineering (3) (A.A.S./A.S.)
Three hours lecture per week. Prerequisite: CET 1600. This course addresses the basics of security engineering technology, including concepts of security protocols, human-computer interface issues, access controls and cryptography. Conventional computer security issues, security baselines, and network and Web security will be covered. Additional special fees are required.

CIS 2321
Introduction to Systems Analysis and Design (3) (A.A.)
Prerequisite: CGS 1543 and any COP course with a grade of "C" or better. This course introduces the analysis, design, implementation and control of data systems for management and communications. The scientific method is the platform for studying information systems through the system development life cycle. It includes proper definition of the problem, milestone development and tracking, cost/benefit analysis and design, development and implementation of new or replacement systems. Additional special fees are required.

CIS 2352
Ethical Hacking (3) (A.A.S.)
Three hours lecture per week. Prerequisites: CIS 1355 and CET 2792 or CET 2794. This course is designed to provide the student with an understanding of the techniques and methodologies of security penetration testing. This course includes hands-on instruction using the various tools and methods that security professionals use to analyze an information system in order to discover vulnerabilities and protect against information loss, cyberterrorism and corporate espionage. In addition to learning how to properly document a security test, the student explores the legal and ethical ramifications of penetration testing, and learns how to apply the appropriate countermeasures in order to reduce the risks that organizations face. Students are encouraged to prepare for and take the Certified Ethical Hacker certification test offered by the EC-Council. Additional special fee is required.

CIS 2930
Special Topics, Computer Science (1-3 variable) (A.A.S./A.S.)
This course is designed to meet the special needs of individuals or groups for which regularly described courses in business may not be available.

CIS 2931
Current Issues in Computing (3) (A.A.S./A.S.)
Prerequisite: CGS 1000 with a grade of "C" or better. This course is a seminar for students interested in discussion, exploration and observation of select topics in computer science. The topics will include artificial intelligence, career development, managing technology, social responsibility, privacy and ethics.

CJC, Criminal Justice - Corrections

CJC 1000
Introduction to Corrections (3) (A.A.)
This course explains the value of the history and evolution of corrections. Discussion will center on the philosophies of incarceration, major problems facing correctional administrators and the differences between juvenile and adult institutionalization. It will contrast the early Auburn and Philadelphia styles of prison construction with modern day practices and will explain the general concept of gain time. The course will define the concept of community-based corrections; contrast and define the concepts of probation and parole and the history of both; discuss problems of probation caseloads; discuss the advantages of work release and prerelease programs; explain contracting correctional services to privately operated organizations, treatment services and the roles of psychologists, psychiatrists and sociologists in correctional institutions; discuss vocational and therapeutic models in rehabilitation and their differences, and discuss the classification process and the conflicts it causes.

CJC 1300
Police Administration and Organization (3) (A.A.)
This course contrasts the variations in organizational structures of law enforcement, correctional and judicial organizations. It appraises the impact of national patrol studies, gives examples of recruiting techniques,
explains the principles of and differences between line and staff and defines the general principles of allocation and deployment of manpower. The course discusses crime and vice control, identifies crime prevention techniques, discusses the importance of special operations and explains the importance of computerization to effective administration.

**CJE 2600**  
**Criminal Investigations (3) (A.A.)**  
This course explains the investigative techniques used in solving crimes; focuses on the principles, concepts, theory and history of investigations; defines the importance of evidence to the court proceedings; describes the 11 primary steps of preliminary investigations and discusses principles of proper interview and interrogation techniques. The course also explains the importance of police record-keeping and computers to the investigative process; terms such as demeanor, grooming and appearance; and the importance of the use of notes while testifying.

**CJE 2640**  
**Criminalistics I (3) (A.A.)**  
This course explains and discusses criminal laboratory techniques, methods of marking and preserving evidence, crime scene protection and types of investigative hardware and equipment, both field and laboratory. Demonstrations of crime sketching, fingerprinting, plastercasting and other evidence-gathering techniques also will be included.

**CJE 3361**  
**Management of Specialized Law Enforcement Units (3) (B.A.S.)**  
This course provides students an opportunity to explore and understand specialized facets of law enforcement service delivery. Students focus on agency implementation of public safety, crime reduction, and/or community relations initiatives, evaluating program effectiveness and community impact. This process enhances students’ ability to research program needs, examine budgetary requirements for implementation, and measure program effectiveness from a viability standpoint.

**CJE 4668**  
**Computer Crime (3) (B.A.S.)**  
This course provides an overview of computer crime from a criminal justice perspective. The course also examines similar issues, such as computer crime prevention, computer security, legal and social issues, and modern investigative methodologies.

**CJJ, Criminal Justice - Juvenile**

**CJJ 2002**  
**Juvenile Delinquency and Rehabilitation (3) (A.A.)**  
This course defines juvenile delinquency, the general proceedings of the juvenile court system and compares the advantages and disadvantages of juvenile incarceration. Discussion subjects will include major causes of juvenile delinquency; problem areas between peers which have an influence upon juvenile delinquency; parents and school; the labeling theory; the gang theory of juvenile delinquency causation; the importance of the public school system to detection and prevention; and the juvenile halfway house concept.

**CJL, Criminal Justice - Law & Process**

**CJL 2100**  
**Criminal Law (3) (A.A.)**  
This course in criminal law emphasizes Florida substantive law and constitutional law. Differences between civil and criminal law and court are compared. English Common Law is used to explain the foundation of current laws. Elements of crimes against persons and property are identified and concepts of stare decisis, ex post facto law and burden of proof are examined.

**CJL 2130**  
**Criminal Evidence and Procedures (3) (A.A.)**  
This course emphasizes procedures as applied to arrest, search and seizure. The course defines and describes evidence and its sufficiency and admissibility, covers aspects of evidence from discovery to submission in court and explains the concepts of privileged information, admissions and confessions and dying declarations. The class integrates the Bill of Rights throughout.

**CNT, Computer Network Technology**

**CNT 2930**  
**Special Topics in Networking (1-3 variable) (A.A.S./A.S.)**  
A total of 15-48 hours of instruction. Prerequisite: CET 1600 with a grade of “C” or better or permission of instructor. A network administrator needs to be prepared for a full range of opportunities. This course will cover topics that go beyond what is covered in other networking classes. Such topics could include upgrading to a new network operating version, integrating Novell Netware and Windows NT, establishing SNA services and implementing Microsoft Proxy Server.

**COP, Computer Programming**

**COP 2170**  
**Visual Basic Programming (4) (A.A.S./A.S)**  
Four hours lecture per week, plus laboratory as assigned by instructor. Strongly recommended prerequisite: COP 2510. This course introduces object-oriented programming using Visual Basic. Topics covered include object concepts (objects, properties, methods, events) and programming concepts (data types, sequence, selection, iteration, functions, subprogram, parameter passing, arrays, and files). Application development techniques are stressed. Additional special fee is required. Offered as COP 2171 prior to Fall 2011.
COP 2224C
C++ Programming I (4) (A.A.)
Four hours lecture per week, plus laboratory as assigned by instructor. Prerequisite: COP 2510 with a grade of “C” or better. This course is an introduction to object-oriented programming using C++. The C++ language is well suited for this purpose because it supports traditional structured programming techniques and promotes OO concepts such as encapsulation, inheritance, polymorphism through user-defined classes. Offered as COP 2000C prior to Fall 2011.

COP 2228C
C++ Programming II (3) (A.A.)
Three hours lecture per week, plus laboratory as assigned by instructor. Prerequisite: COP 2224C with a grade of “C” or better. This course emphasizes more advanced concepts of object-oriented programming. Abstract data types including linked lists, stacks, queues and trees are covered. Advanced techniques including exception handling, file processing and the standard template library are covered. Additional special fees are required.

COP 2250C
Java Programming I (4) (A.A.)
Four hours lecture per week, plus laboratory as assigned by instructor. Prerequisite: COP 2510 with a grade of “C” or better. This course introduces object-oriented programming and the Java language including primitive data types; arrays and classes; sequential, selection and repetition control structures; graphical user interface; and events and event handling. Additional special fees are required.

COP 2333
Advanced Visual Basic (3) (A.A.S./A.S.)
Three hours lecture per week, plus laboratory as assigned by instructor. Prerequisite: COP 2170 or permission of instructor. This course covers advanced topics in Visual Basic. Topics covered will include advanced interface development, advanced database management, API, Classes, Collections, crystal reports, Package and Deploy, New OCXs. Part of the course may be devoted to a real Visual Basic (VB) intern or business project. Students also may be required to do some research and a presentation based upon that research. Additional special fees are required.

COP 2510
Programming Concepts (3) (A.A.)
This course is an introduction to object-oriented programming. The main focus is general object-oriented and programming concepts from a software engineering perspective. This course is intended for students who are transferring from SCF into USF Sarasota/Manatee’s B.S.-Applied Science with a concentration in Information Technology.

COP 2805C
Java Programming II (3) (A.A.)
Three hours lecture per week, plus laboratory as assigned by instructor. Prerequisite: COP 2250C with a grade of “C” or better. This course offers expanded topics in object-oriented programming and the Java language including file handling, abstract data types, threads, security and database connectivity. Additional special fees are required.

CPO, Comparative Politics
CPO 2002
Comparative Government (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course is a survey of the historical, political and cultural developments in various governmental systems worldwide. It analyzes and contrasts the political systems that exist in the world today.

CRW, Creative Writing
CRW 2001
Creative Writing I (3) (A.A.)
Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of “C” or better. This course meets the Gordon Rule requirement. This course is a beginning workshop in the writing of poetry and/or fiction; projects in drama are optional. Assignments (some formal, some thematic) in either poetry and/or fiction are designed to stimulate beginning writers and to familiarize them with literary techniques and forms. Students are expected to participate in class discussion.

CRW 2002
Creative Writing II (3) (A.A.)
Three hours per week. Prerequisites: ENC 1101, CRW 2001 and concurrent registration or completion of ENC 1102 or its equivalent with a grade of “C” or better. This course meets the Gordon Rule requirement. This course is a second-level course in writing or poetry and/or short fiction; projects in drama are optional. Assignments (some formal, some thematic) are designed to stimulate second-level writers and to familiarize them with literary techniques and forms. Students are expected to share their work with the class and to participate in class discussion.

CTS, Computer Technology & Skills
CTS 1150
Microcomputer Hardware and Maintenance (3) (A.A.S./A.S.)
Three hours class per week with a combination of lecture and hands-on laboratory experience. Strongly recommended prerequisite: a fundamental knowledge of Windows. This course examines hardware terms, pre-
ventive maintenance and basic computer repairs. This course is designed for the average computer user who desires to understand basic troubleshooting techniques. Additional special fee is required.

**CTS 1300**
**Networking & Operating Systems (3) (A.A.S/A.S.)**
Three hours lecture per week. Prerequisite: CET 1600. This course provides students with the knowledge and skills necessary to install and configure desktop operating systems on stand-alone computers and on client computers that are part of a work-group or a domain. In addition, this course provides the skills and knowledge necessary to configure and troubleshoot on the user’s desktop. Additional special fees are required.

**CTS 1437**
**SQL Administration (3) (A.A.S/A.S.)**
Prerequisite: CET 1600 with a grade of “C” or better. This course develops the skills required to manage SQL Server databases using SQL administration tools. Additional special fees are required.

**CTS 2330**
**Installing and Administering Microsoft Exchange Server (3) (A.A.S/A.S.)**
Prerequisite: CET 2792 with a grade of "C" or better or permission of instructor. Microsoft Exchange Server is a robust e-mail system capable of providing additional opportunities for integrating and automating a full range of business processes. This course will cover the design, installation and troubleshooting of Microsoft Exchange Server. Additional special fees are required.

**CTS 2433**
**SQL Implementation (3) (A.A.S/A.S.)**
Prerequisite: CET 1600 with a grade of “C” or better or permission of the instructor. This course presents the fundamentals of relational databases. It develops the skills needed to use SQL Server to create and manipulate a database and access and maintain data. Additional special fees are required.

**DAA, Dance**

**DAA 1000**
**Introduction to Dance (3) (A.A.)**
The study of various styles of dance, useful for both the layperson as well as the theatre or music student. An overview of jazz, tap, ballet, modern/lyrical and ballroom dance, for fun and fitness, as well as for audition preparation.

**DAA 2101**
**Contemporary and Traditional Dance (3) (A.A.)**
Three hours per week. Prerequisite: DAA 1000 or consent of instructor. This course is designed for students with prior dance or movement training and a desire to further develop their modern, jazz, tap, ballet, lyrical and ballroom dance techniques. Various dance techniques will be explored that are useful for dance, theatre and music students as audition preparation and the layperson for fun fitness.

**DAA 2930**
**Special Topics: Dance (1-3 variable) (A.A.)**
This course is designed to meet the special needs of individuals or groups for whom regular, described courses may not be available.

**DEH, Dental Hygiene**

**DEH 1000**
**Introduction to Dental Hygiene (2) (A.S.)**
Prerequisites: Admission to the Dental Hygiene Program and satisfactory completion of CHM 1022C, BSC 2085C, and MAC 1105. This course is designed as an introduction to dentistry and the dental hygiene profession and provides the basic introductory knowledge required to develop the skills necessary to provide comprehensive dental health services for patients. (Summer)

**DEH 1002C**
**Introduction to Clinical Procedure (6) (A.S.)**
Two hours class, 12 clinical hours per week. Corequisites: DES 1010C and DES 1200C. This course is designed to provide the student with the knowledge of the basic principles of instrumentation, instrument design and their use, and the fundamental skills necessary to provide comprehensive dental hygiene service. Additional special fees are required. (Fall)

**DEH 1002L**
**Introduction to Clinical Procedures Laboratory (0) (A.S.)**
This clinical practice course is designed for the dental hygiene student to clinically apply the principles and concepts of dental hygiene care developed in DEH 1002C. Students master basic instrumentation skills and dental hygiene procedures on manikins and student partners in preparation for patient care in Spring. (Fall)

**DEH 1130**
**Oral Embryology and Histology (1) (A.S.)**
One hour per week. Corequisites: DEH 1800C and DES 1100C. This course introduces the student to a comprehensive study of the embryonic development of the tissues and cells that comprise the specific anatomical structures of the face and oral cavity. (Spring)

**DEH 1800C**
**Clinical Dental Hygiene I (6) (A.S.)**
Two hours class, 12 clinical hours per week. Prerequisites: Satisfactory completion of DEH 1002C, DES 1010C, DES 1200C and BSC 2086C. This course is designed to further enhance the student's knowledge of dental hygiene practice with the introduction of adjunct dental hygiene procedures and to provide clinical experience in total patient care. Emphasis is placed on basic principles and concepts of current dental hygiene services and refinement of preclinical instru-
mentation. Patient education, the dental hygiene process of care and basic radiography are introduced. Additional special fees are required. (Spring)

**DEH 1800L**
**Clinical Dental Hygiene I Laboratory (0) (A.S.)**
This is a mandatory laboratory that accompanies DEH 1800C.

**DEH 2300**
**Pharmacology and Pain Control (2) (A.S.)**
Corequisites: DEH 2400, DEH 2702C and DEH 2804C. This course is designed to introduce the dental hygiene student to the origin, physical and chemical properties, preparation modes of administration and effects on the body's systems of commonly prescribed drugs that may require an alteration of dental hygiene treatment and the drugs and anesthesia which are used in dentistry. (Fall)

**DEH 2400**
**General and Oral Pathology (2) (A.S.)**
Corequisites: DEH 2804C and DEH 2300. This course is designed to introduce the dental hygiene student to the principles of pathology and its relationship to the hard and soft tissues of the oral cavity. Emphasis is placed on the importance of early recognition of subtle changes in the oral tissue by the dental hygienist. (Fall)

**DEH 2602**
**Periodontology (2) (A.S.)**
Three hours class per week. Corequisites: DEH 2802C. This course is designed to expand on the dental hygiene student's knowledge of the etiology, classification, diagnoses, treatment and maintenance of periodontal diseases and the care of the individual with these diseases. (Offered Summer A and B semesters only.)

**DEH 2702C**
**Community Dental Health (3) (A.S.)**
Two hours class and three laboratory hours per week. Prerequisites: Satisfactory completion of or concurrent enrollment in ENG 1101 and SYG 2000. Corequisite: DEH 2804C. This course introduces the student to public health and the responsibilities of the dental hygienist in the promotion of oral health education in the community. Content will include basic concepts of education and community dental health, history and trends in public health, principles of communication, dental epidemiology and indices, needs assessment, biostatistics, literature review, community organizations, and the dental care delivery system. Also the planning, implementation and evaluation of dental health programs and community service projects will be included. (Spring)

**DEH 2702L**
**Community Dental Health Laboratory (0) (A.S.)**
This is a mandatory laboratory that accompanies DEH 2702C.

**DEH 2802C**
**Clinical Dental Hygiene II (5) (A.S.)**
Three hours class, 12 laboratory hours per week. This course is designed to provide the dental hygiene student with the knowledge and understanding of dental hygiene care for special needs patients. The course also will introduce the dental hygiene student to the theory and techniques of several procedures that will continue to expand the student's knowledge and ability to perform total patient care. Additional special fees are required. (Offered Summer A and B terms only.)

**DEH 2802L**
**Clinical Dental Hygiene II Laboratory (0) (A.S.)**
This is a mandatory laboratory that accompanies DEH 2802C.

**DEH 2804C**
**Clinical Dental Hygiene III (7) (A.S.)**
Two class hours and 15 clinical hours per week. Prerequisites: Satisfactory completion of DEH 2802C, HUN 2201 and PSY 2012. Corequisites: DEH 2300, DEH 2400 and completion of or concurrent enrollment in ENC 1101 and SYG 2000. This course is designed to provide ongoing clinical experiences for the dental hygiene student in total patient care. Emphasis is placed on incorporation of professional decision making and increasing quality care. Expanded functions in dental hygiene are included. Additional special fees are required.

**DEH 2804L**
**Clinical Dental Hygiene III Laboratory (7) (A.S.)**
This is a mandatory laboratory that accompanies DEH 2804C.

**DEH 2806C**
**Clinical Dental Hygiene IV (7) (A.S.)**
Two hours class, 15 laboratory hours per week. Prerequisites: Satisfactory completion of DEH 2804C, DEH 2400, DEH 2300, ENC 1101 and SYG 2000. Corequisites: DEH 2702C and completion of or concurrent enrollment in ENC 1102 and Humanities elective. This course incorporates a discussion of ethical and legal issues, professional organizations, the Florida State Dental Practice Act and continuing education regulations and requirements. Dental office management procedures and the business and professional skills necessary to practice in a dental office and alternate practice settings are discussed. Methods of preparation for the National Board Examination are reviewed. Additional special fees are required. (Spring)

**DEH 2806L**
**Clinical Dental Hygiene IV Laboratory (0) (A.S.)**
This is a mandatory laboratory that accompanies DEH 2806C.
DEH 2900
Dental Hygiene Competency Review
(1-3 variable) (A.S.)
One to three hours of didactic instruction per week or four to 12 hours per week of clinical practice. Prerequisite: permission of the Dental Hygiene Program director. This course is designed to meet the needs of students who either wish to re-enter the program or a graduate student who desires clinical updating and competency review in preparation for the clinical licensure examination. Additional special fee is required.

DEH 2930
Special Topics, Dental Hygiene (1-3 variable) (A.S.)
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

DEP, Developmental Psychology

DEP 2002
Child Development (3) (A.A.)
Prerequisite: PSY 2012 with a grade of “C” or better. This course is a study of the physical, social/behavioral, emotional, personality and cognitive factors that affect children's development, birth through adolescence.

DEP 2004
Human Development: Life Span (3) (A.A.)
Prerequisite: PSY 2012 with a grade of “C” or better. This course is a study of human growth and development from birth through adulthood in an effort to describe and explain changes in human behavior across the years of the life span. Theories using information from psychology as well as biology, sociology and anthropology are discussed to allow for understanding, predicting and explaining human behavior.

DES, Dental Hygiene Support

DES 1010C
Oral Facial Anatomy (2) (A.S.)
Two hours class, three hours laboratory per week. Corequisites: DEH 1002C and DES 1200C. This course is designed to introduce the student to the hard and soft tissues of the human oral cavity. Also included will be an in-depth study of the head and neck areas, including the skeletal support, muscular structure, nerve intervention, glandular system and blood supply. (Fall)

DES 1010L
Oral Facial Anatomy Laboratory (0) (A.S.)
This is a mandatory laboratory that accompanies DES 1010C.

DES 1100C
Dental Materials (3) (A.S.)
Two hours class, three laboratory hours per week. Prerequisites: Satisfactory completion of DEH 1000, DES 1010C, DES 1200C and DEH 1002C. Corequisites: DEH 1800 and DEH 1130. This class and laboratory course is designed to introduce the dental hygiene student to the basic physical and chemical properties of dental materials with special emphasis on their clinical application. Included will be the influence and effects of manipulation and oral environment on the clinical performance of dental materials. Additional special fees are required. (Spring)

DES 1100L
Dental Materials Laboratory (0) (A.S.)
This is a mandatory laboratory that accompanies DES 1100C.

DES 1200C
Dental Radiography (2) (A.S.)
Two hours class, three hours laboratory per week. Corequisites: DEH 1002C and DES 1010C. This course is designed to introduce the student to the fundamental background and theory necessary for safe and effective use of radiographs in dentistry. It includes the history of radiology, production and uses of radiation, dental X-ray films and their uses, exposure techniques, mounting techniques, interpretation of radiographs and radiation safety. Additional special fees are required. (Fall)

DES 1200L
Dental Radiography Laboratory (0) (A.S.)
This is a mandatory laboratory that accompanies DES 1200C.

DSC, Domestic Security

DSC 3013
Introduction to Homeland Security (3) (B.A.S.)
This course introduces students to the vocabulary and important components of homeland security. Students learn about the agencies associated with homeland security and their inter-related duties and relationships. Students examine historical events that impact homeland security. Students explore state, national, and international laws impacting homeland security and students examine the most critical threats confronting homeland security.

DSC 3034
Terrorism Preparedness (3) (B.A.S.)
This course is designed to introduce the student to basic communications ranging from a conflict to communication during a catastrophic event. Topics covered include radio and cell phone communications, and planning for communication alternatives when the traditional methods of communication fail. Other face-to-face communication tactics are covered including interview and interrogation, detecting deception, and handling a conflict with confrontation.

DSC 3214
Catastrophic Event Response Planning (3) (B.A.S.)
This course examines the response protocol, logistics, responsibilities, interagency support, and concepts of
front end planning involved in preparation for a catastrophic event. Students are introduced to the development of an emergency response plan that will include concepts such as lookout, awareness, communications, escape, safety (lakes), training and various agency relationships.

**DSC 3243**  
**Industrial Security (3) (B.A.S.)**  
Prerequisites: DSC 3013 and PAD 3821. This course studies the essentials of industrial security including the global transportation systems in airports, railroads and seaports, and issues surrounding border control. Internal U.S. critical infrastructure threats are covered including best defensive practices. A study of existing governmental agencies and the role they each play is included. Existing domestic and international laws are studied. Potential threats and countermeasures are examined, including new technologies currently employed to protect our industrial facilities.

**DSC 3554**  
**Critical Infrastructure and Risk Analysis (3) (B.A.S.)**  
Prerequisites: DSC 3013 and PAD 3821. This course examines the importance of risk analysis and introduces students to procedures for community hazard assessments, and implementation of the Critical Infrastructure Process (CIP) used to protect people, physical entities, and cyber systems that are critical to many facilities. Topics related to the design of proper detection and deterrence procedures and equipment are covered. Included are relevant parts of the National Incident Management System (NIMS) protocols.

**DSC 4594**  
**Intelligence Analysis (3) (B.A.S.)**  
Prerequisites: DSC 3013 and PAD 3821. This course examines existing intelligence systems, both federal and state, and how they operate. It distinguishes the use of intelligence in criminal investigations to prove crimes that have already occurred from the proactive and protective uses in Homeland Security agencies. Generally accepted principles on protection of critical infrastructures using intelligence analysis is covered.

**DSC 4038**  
**Terrorism and Emergency Management (3) (B.A.S.)**  
Prerequisites: DSC 3013, PAD 3821 and FES 4014. This course reviews terrorism and counterterrorist intelligence functions and operations. It covers the most significant points that surround the emergency response processes needed to cope with terrorism incidents. The course includes how to prepare communications center staff for terrorist events, and the protection of critical infrastructures both private and public by the coordination of agencies. Included are past and potential national policy, strategies for dealing with various types of terrorist acts, and the delicate balance between personal freedoms and limitations of freedom needed for protection from terrorism.

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**EAP, English for Academic Purposes**

**EAP 0100**  
**Speech/Listening I (3) (C.P.)**  
Three hours per week. Placement by ESL Accuplacer and writing sample. An introductory listening/speaking course in which EAP students develop the ability to understand and participate in brief conversations on familiar topics and begin to develop their pronunciation. A grade of “C” or better is necessary to move to EAP 0200 Speech/Listening II.

**EAP 0120**  
**Reading I (3) (C.P.)**  
Three hours per week. Placement by ESL Accuplacer and writing sample. This is an introductory-level reading course in which EAP students develop their ability to comprehend limited written materials and build basic vocabulary. A grade of “C” or better is necessary to move to EAP 0220 Reading II.

**EAP 0140**  
**Writing I (3) (C.P.)**  
Three hours per week. Prerequisite: Concurrent registration in EAP 0100, EAP 0120 and EAP 0160 and/or successful completion of EAP 0100, EAP 0120 and EAP 0160. Placement by ESL Accuplacer and writing sample. This is an introductory-level writing course in which EAP students develop the ability to write grammatically correct sentences and learn basic organizational skills for paragraph writing. A grade of “C” or better is necessary to move to EAP 0240 Writing II.

**EAP 0160**  
**Grammar I (3) (C.P.)**  
Three hours per week. Placement by ESL Accuplacer and writing sample. This is an introductory-level grammar course in which EAP students develop their ability to understand and use basic verb tenses and sentence patterns appropriately. A grade of “C” or better is necessary to move to EAP 0260 Grammar II.

**EAP 0200**  
**Speech/Listening II (3) (CP)**  
Three hours per week. Placement by ESL Accuplacer and writing sample or the successful completion of EAP 0100. This is a high introductory-level listening and speaking course in which EAP students continue to develop their ability to understand and participate in brief conversations on familiar topics and to develop their pronunciation skills. A grade of “C” or better is necessary to move to EAP 0300 Speech/Listening III.

**EAP 0220**  
**Reading II (3) (C.P.)**  
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0120. This is a high introductory-level reading course in which EAP students continue to develop their ability to comprehend text with emphasis on developing reading skills and vocabulary. A grade of “C” or better is necessary to move to EAP 0320 Reading III.
EAP 0240
Writing II (3) (C.P.)
Three hours per week. Prerequisite: Concurrent registration in EAP 0200, EAP 0220 and EAP 0260 and/or successful completion of EAP 0200, EAP 0220 and EAP 0260. Placement by ESL Accuplacer and writing sample. This is a high introductory-level writing course in which EAP students continue to develop their writing skills in the context of guided discourse on personal topics with an emphasis on logical thought and mechanics. A grade of “C” or better is necessary to move to EAP 0340 Writing II.

EAP 0260
Grammar II (3) (C.P.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0160. This is a high introductory-level grammar course in which EAP students continue to develop their control of basic grammatical structures and statement/question patterns. A grade of “C” or better is necessary to move to EAP 0360 Grammar III.

EAP 0300
Speech/Listening III (3) (C.P.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0200. This is an intermediate-level course in which EAP students develop the speaking and listening skills necessary for participation in classroom discussions with an introduction to oral presentations and critical listening skills. Further improvement of pronunciation also is emphasized. A grade of “C” or better is necessary to move to EAP 0400 Speech/Listening IV.

EAP 0320
Reading III (3) (C.P.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0220. This is an intermediate-level course in which EAP students develop the ability to read text on familiar and basic academic topics. Emphasis will be placed on vocabulary expansion and application of critical reading skills. A grade of “C” or better is necessary to move to EAP 0420 Reading IV.

EAP 0340
Writing III (3) (C.P.)
Three hours per week. Prerequisite: concurrent registration in and/or successful completion of EAP 0300, EAP 0320 and EAP 0360. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0240. This is an intermediate-level writing course in which EAP students develop their ability to write basic structured academic paragraphs on familiar topics and execute other academic writing tasks. A grade of “C” or better is necessary to move to EAP 0440 Writing IV.

EAP 0360
Grammar III (3) (C.P.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0260. This is an intermediate-level grammar course in which EAP students increase their accuracy of grammatical structures appropriate to classroom discussion and the writing of academic paragraphs. A grade of “C” or better is necessary to move to EAP 0460 Grammar IV.

EAP 0400
Speech/Listening IV (3) (C.P.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0300. This is a high intermediate-level course in which EAP students continue to develop their speaking and listening skills necessary for participating in classroom discussions, giving oral presentations and listening critically. A grade of “C” or better is necessary to pass the course.

EAP 0420
Reading IV (3) (C.P.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0320. This is a high intermediate-level course in which EAP students continue to develop their ability to read text on familiar and basic academic topics. Emphasis will be placed on vocabulary expansion and application of critical reading skills. A grade of “C” or better is necessary to pass the course.

EAP 0440
Writing IV (3) (C.P.)
Three hours per week. Prerequisite: Concurrent registration in and/or successful completion of EAP 0400, EAP 0420 and EAP 0460. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0340. This is a high intermediate-level course in which EAP students develop the ability to write more sophisticated academic paragraphs in various rhetorical modes and execute other academic writing tasks. A grade of “C” or better is necessary to pass the course. Upon successful completion of the course, students will take the Sentence Skills portion of the Florida College Entry Level Placement Test to determine their next course-level of English composition.

EAP 0460
Grammar IV (3) (C.P.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0360. This is a high intermediate-level course in which EAP students develop their ability to use grammatical structures appropriate to classroom discussion, oral presentations, and writing of more sophisticated academic paragraphs with an emphasis on increased accuracy. A grade of “C” or better is necessary to pass the course.
EAP 1520  
Reading V (3) (A.A.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0420. This is an advanced level reading course for ESL students designed to increase their vocabulary and their ability to comprehend lengthier texts on diverse academic topics by applying appropriate reading strategies.

EAP 1540  
Writing V (3) (A.A.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 0440. This is an advanced-level writing course for ESL students designed to develop their ability to write basic, structured academic essays with an emphasis on accuracy and cohesiveness, and to execute other academic writing tasks.

EAP 1620  
Reading VI (3) (A.A.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 1520. This is a high advanced-level reading course for ESL students designed to develop their ability to comprehend and interpret authentic college-level texts in content areas by applying appropriate reading strategies.

EAP 1640  
Writing VI (3) (A.A.)
Three hours per week. Placement by ESL Accuplacer and writing sample or successful completion of EAP 1540. This is a high advanced-level writing course for ESL students designed to develop their ability to write a variety of college-level essays with sophistication, fluency and accuracy, and execute other academic writing tasks.

ECO, Economics

ECO 2013  
Principles of Macroeconomics (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. The foundations of economic analysis, theories of economic growth and stabilization, monetary and fiscal policy, international trade, and economic development are presented in this course.

ECO 2023  
Principles of Microeconomics (3) (A.A.)
Three hours lecture per week. The objective of this course is to present the nature of economics and tools for economic analysis. The market system, price theory, theory of the firm, theories of production and distribution are also presented.

EDE, Education: Elementary

EDE 2221  
Integrating Art, Music and Health Education Across the Curriculum (3) (A.A.)
At least 10 hours of clinical experiences is required, in addition to class sessions. This course examines the methodology for the integration of art, music and health education into the elementary school curriculum based on the theory of multiple intelligences. Age and grade appropriate methods, materials, activities and assessment are introduced through practical applicators, which are based on current research.

EDE, Education: Foundation and Policy Studies

EDF 1001  
After School Teachers and Paraeducators in Special and General Education Classrooms (3) (A.A.S./A.S.)
This course is an introduction to the role of paraeducators in the public schools. Topics included are defining the roles, supporting the instructional process, behavior improvement strategies, and the role of the paraeducator in the IEP process. This course prepares the paraeducator and those preparing to be with elementary students to better understand their role and responsibilities in the public school setting and to appropriately perform those roles and responsibilities.

EDF 1005  
Introduction to the Teaching Profession + Field Experience (3) (A.A.)
This course is a survey of the educational system in the United States. Topics include an overview of the historical, sociological, and philosophical foundations of education; a survey of federal, state and local governance, finance, and policies; a review of legal, moral and ethical issues for teachers; and the professionalism of teaching. Students will be provided information on the Florida Educator Accomplished Practices, Sunshine State Standards and the Professional Educator Competencies. Students are required to complete a minimum of 15 hours of field-based experience (during the term in which the course is taken) with preschoolers, children and/or youth in schools or similar professional educational settings. (This field component must not be via virtual modes of film or Internet.)

EDF 1030  
Effective Classroom Management (3) (A.A.S./A.S.)
This course focuses on the basic principles of classroom management, establishing effective rules, use of reward systems, program evaluation and review of typical school problems/proven programs.
EDF 2085  
Introduction to Diversity for Educators  
+ Field Experience (3) (A.A.)

This course meets part of the International/Intercultural requirement. Designed for perspective teachers or classroom aides, this course investigates the influence of diversity upon schools. Students will explore personal attitudes toward diversity and exceptionalities. Developmentally appropriate environments and teaching practices for various diverse populations, including exceptionalities, culture, family, gender, sexual orientation, socioeconomic status, religion, language of origin, ethnicity and age will be explored. Students will be provided with information on the Florida Educator Accomplished Practices, Sunshine State Standards and the Professional Educator Competencies. A minimum of 15 hours of field-based experience with diverse populations of preschoolers, children and/or youth in schools or similar settings is required and must be completed during the term in which the course is taken. (This field component must not be via virtual modes of film or Internet.) Offered as EDG 2701 prior to Fall 2009.

EDF 3430  
Education Measurement and Evaluations (3) (B.S.)

Prerequisite: Admission to the Early Childhood Education B.S. Program. This course is a comprehensive and realistic look at the nature of students and how they learn, the role of the teachers, the teaching process and teaching as a career, and how the system works for measurements and evaluations of the children. Students who are in the teaching field learn and deliver an effective educational program for all young children from birth through age 8 with measurements and evaluations. The course correlates with the NAEYC Standards for EC Professional Preparation Programs.

EDG, Education: General

EDG 2949  
Final Internship in Education (3) (A.A.S./A.S.)

Prerequisite: Majority of EDF, EDG, EEC, EEX, EME courses (5 credit hours in degree seeking Early Childhood courses) and permission of program manager. This course should be taken during the last semester before graduating. This “Education Capstone” reinforces education and professional growth in a student’s academic major. Students must complete 12 hours per week or a minimum of 120 hours within the semester of volunteer or work experience and classroom seminars. Students are evaluated on performance observation, professional portfolio and completion of learning objectives. Hours are not transferable as upper level internships, practicum or clinical practice.

EEE, Education: Early Childhood

EDC 1000  
Introduction to Early Childhood Education (3) (A.A.)

This course is designed to provide a pursuance of the theories, philosophies and programs in early childhood education. Emphasis is given to current early learning theories. It introduces the students to the historical developments and provides practical grounding in rational discipline and application of early childhood methods. The course is open to parents, teachers, paraprofessionals and students. The course also is one of four courses designed to meet the education requirements for the Florida Child Care Professional Certification (FCCPC) and the National Child Development Associate (CDA) Credential.

EEE 1001  
Early Childhood Growth and Development (3) (A.A.)

This course is a study of the physical, social, behavioral, emotional, personality and cognitive factors that affect the development of children birth to adolescence. Focus will be given to the impact of these developmental changes and the appropriate educational environment to best meet the individual needs of these young children. The course also is one of four courses designed to meet the education requirements for the Florida Child Care Professional Certification (FCCPC) and the National Child Development Associate (CDA) Credential.

EEE 1004  
Introduction to School Age Child Care  
(3) (A.A.S./A.S.)

This course provides an orientation to school age child care, including the philosophy, purpose and social/cultural context of after-school and other programs for school-age youth. An examination of program models, including staff roles, program planning, quality improvement, families and community, are presented.

EEE 1312  
Introduction to Creative Experiences  
for Young Children (3) (A.A.S./A.S.)

This course introduces students to cross-disciplinary creative experiences in music, art and movement as appropriate for the prekindergarten and K-5 classroom setting. It focuses on identifying materials and activities that promote creative expression in young children.

EEE 1319  
Portfolio Development and Performance  
Observation (3) (A.A.)

Prerequisite: Permission of the program manager and EEC 1000, EEC 1601, EEC 1001 with a grade of “C” or higher. The Florida Child Care Professional Certificate (FCCPC) and the National Child Development Associate (CDA) portfolio documenting successful mastery of Developmentally Appropriate Practices (DAP) is required for course completion and meets the Florida Department of Education and the Department of Children and Families requirements. Students are required to be evaluated on classroom seminars, field
experiences and performance observation in an early childhood setting. The course also is one of four courses designed to meet the education requirements for the FCCPC and CDA.

EEC 1601
Observing and Recording Children’s Behavior (3) (A.A.S./A.S.)
This course introduces procedures for observing and recording social, physical and emotional behaviors of children from birth to grade three in Voluntary Pre-Kindergarten certified classroom settings. Techniques included are written reports, check lists, audio and video recordings and other procedures. Students in this course must volunteer or be working in a school setting. The course also is one of four courses designed to meet the education requirements for the Florida Child Care Professional Certification (FCCPC) and the National Child Development Associate Credential (CDA).

EEC 2002
Early Child Care Center Management (3) (A.A.)
This course is designed to provide potential and current child care administrators with the opportunity of satisfying one of the educational requirements for Level One Child Care Director Administrator credentials as defined by the state of Florida. It is intended to introduce the needed skills and information in the following areas: developmentally appropriate child care environments; leadership for child care settings; financial and legal issues of child care; and developmentally appropriate education curriculum. It can be used for CDA renewal.

EEC 2202
Child Care and Education Programming (3) (A.A.)
This course is designed to provide potential and current child care administrators with the opportunity of satisfying one of the educational requirements leading to an Advanced Level II Child Care Director Administrator credential from the state of Florida. The competencies include the developmentally and culturally appropriate environment and curriculum for child care centers; professional standards for child care managers; child observation, assessments, documentation and referral in child care centers; health, safety and nutrition practices in child care centers; and alliances with families of children in child care centers. It can be used for CDA renewal.

EEC 2217
Introduction to Language and Emergent Literacy (3) (A.A.)
Course establishes an understanding of emergent literacy foundations and sequences development across multiple domains and influential factors. Emphasis is on building rapport with families, integrating children’s cultures/languages, analyzing developmental stages, and adapting assessments to promote optimal progress of young children’s language and literacy development. Course exceeds DCF’s required hours in emergent literacy for young children. FS 1002.59.

EEC 2226
Introduction to Principles of Mathematics and Science for Young Children (3) (A.A.)
This course is designed to acquaint the student with resources and principles involved in guiding the young child (Pre-K through 8 years) to understand, do and enjoy mathematics and science. Based on recent research in mathematics and science curriculum and assessment, this course addresses the VPK 2008 standards for early education in mathematics and science.

EEC 2401
Family Interaction and Cultural Continuity (3) (A.A.)
This course is designed to incorporate practices reflecting the values and beliefs of families and the cultures of their communities in establishing positive and productive relationships within an educational setting. Emphasis is given to trusting, supportive relationships and to sustaining a successful partnership. Students will plan appropriate activities for early child care settings. This course is open to parents, teachers, paraprofessionals, students and child advocates.

EEC 2520
Early Childhood Education Organizational Leadership Management (3) (A.S./A.A.S.)
This course is designed to provide potential and current child care administrators the opportunity to satisfy one of the educational requirements for the Advanced Level II Child Care Director Administrator credential as defined by the state of Florida. It is intended to present the needed skills and information in the following areas: organizational structure and dynamics; ethics and professionalism; leadership personnel policies and relationships; and the evaluation and retention involved in staff development. It can be used for CDA renewal.

EEC 2527
Legal Issues and Financial Issues in Child Care (3) (A.A.S./A.S.)
The goal of this course is to develop and enhance the financial and legal knowledge of child care managers. It satisfies one of the educational requirements for the Level II Child Care Director Administrator credential. The course includes knowledge in the competencies of financial planning and ongoing monitoring of budgeting and accounting; compensation and benefits; facilities and equipment; financial resource and marketing; technology and record-keeping; legal obligations, tax law, insurance and licensure; regulatory requirements and personnel law. It can be used for CDA renewal.

EEC 2930
Special Topics: Education (1-3 variable) (A.A.)
This course is designed to meet the special individuals or groups for whom regular, described courses may not be available.
**EEC 3214**  
*Early Childhood Education Learning Environment (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. This course is an overview designed to help students understand the curriculum expectations, instruction and activities, parent/community relationships, infant care, theory and research, child development and strategies expected for practicum and clinical practice. The course correlates with the NAEYC Standards for EC Professional Preparation Programs.

**EEC 3731**  
*Health, Nutrition and Safety of Young Children (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. The purpose of this course is to provide students with knowledge of appropriate health, safety, and nutritional practices implemented in developmentally appropriate educational programs for children from birth through age 8. The course includes focus on proper emergency procedures and the recognition and prevention of childhood diseases as well as child abuse and neglect. The course correlates with the NAEYC Standards for EC Professional Preparation Programs.

**EEC 4204**  
*Infant/Toddler Curriculum (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. This course introduces students to the educational strategies for children from birth to age 3. The course also covers curriculum state and national standards for infant/toddler lesson plans, classroom management, teacher preparation, assessment, discipline and parent participation. The focus is on quality programs on infant-toddler development and interactions. This course correlates with the NAEYC Standards for EC Professional Preparation Programs (B.S. and M.A. degrees) Advanced (leadership roles).

**EEC 4267**  
*Curriculum Programs – Preschool (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. This course introduces students to educational strategies for preschool and VPK children. The course covers curriculum, state and national standards for preschoolers’ lesson plans, classroom management, teacher preparation, assessment, and discipline and parent participation. The course is for teacher educators who are developing pedagogies for the analysis of teaching and learning content that analyzing teaching artifacts with specific advantages. This course correlates with the NAEYC Standards for EC Professional Preparation Programs (B.S. and M.A. degrees) Advanced (leadership roles).

**EEC 4268**  
*Curriculum Activities in Early Childhood (Child Dev.) (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. This course introduces students to the stages of human development from birth to age 3. The course covers the multicultural perspective and prepares students to meet the distinct needs of diverse cultures including language and linguistic development of second-language learning by non-English speakers. The course addresses other aspects of child development including health, parenting, environment, nutrition, mental health, and self-esteem on normal and abnormal development.

**EEC 4400**  
*Parents as Teachers and Field Experiences (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. Students develop the knowledge base and skills necessary to form partnerships with families and the community to enhance the care and education of young children, to design an environment, develop policies and adopt strategies that will assist children in developing pro-social behavior. Students also examine problem-solving techniques to assist in negotiating with children who exhibit challenging behaviors. Field experiences are required (including creating and facilitating parent workshop activities.)

**EEC 4402**  
*Cultural and Family Systems (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. This course is an overview of a developmental study of children from birth to age 5 through the adolescent years in the family setting. The course stresses practical methods and strategies for parents and teachers to deal with difficult cultural and family systems in different environments.

**EEC 4613**  
*Assessment and Evaluation for Young Children (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. Students learn how to provide a comprehensive knowledge base concerning assessment of young children. Areas of emphasis include development of skills in selection, use, and interpretation of developmentally appropriate formal and holistic instruments and procedures; measurement terms and principles, procedures, and legal requirements for record keeping; use of technology in assessment; and managing an assessment team.

**EEC 4661**  
*Theory and Practice in Early Childhood Education (3) (B.S.)*  
Prerequisite: Admission to the Early Childhood Education B.S. Program. Students study the current issues of early childhood education and services for young children and families. Examples of appropriate classroom practices are viewed and classroom-based examples and suggested strategies that help students’ bridge theory and practice are featured. This course includes individual detailed models of early childhood historical, philosophical and sociological perspectives; learning theories with discussions; and field based experiences.
EEC 4706
Language and Emerging Literacy (3) (B.S.)
Prerequisite: Admission to the Early Childhood Education B.S. Program. Students learn to select, evaluate, and use fiction, nonfiction and poetry for instructional, informational, and recreational purposes in early childhood education. Included in the course is the development of analytical thinking, writing skills, and oral expressions as they apply to the study of children’s literature. Field experience required.

EEC 4940
Internship: Early Childhood Education & Field Experience (9) (B.S.)
Prerequisite: Admission to the Early Childhood Education B.S. Program. Field experience required. This is a full-day, full-semester internship, with field placement in a childcare center or pre-Kindergarten class where teacher candidates demonstrate the ability to apply knowledge, skills and dispositions in authentic situations. Students are provided information on the Florida Educator Accomplished Practices, Sunshine State Standards and the Professional Educator Competencies. Students are required to complete a minimum of 15 hours of field-based experience (during the term in which the course is taken) with preschoolers, children and/or youth in schools or similar professional educational settings. (This field component must be via virtual modes of film or Internet.)

EET, Electronic Engineering Technology

EET 1033C
Fundamentals of DC/AC Circuits (4) (A.A.S./A.S.)
Prerequisite: CGS 1000, MTB 1321 or permission of the program director. This course examines principles of direct and alternating current circuits, Ohm’s Law, energy and power, Kirchhoff’s Law, inductance, capacitance, reactance and impedance. Emphasis is placed on the application of these concepts in industry. Additional special fee is required.

EET 1084
Introduction to Electronics (3) (A.S./A.A.S.)
The course provides an overview of electronics to acquaint the student with the principles upon which modern electronic devices operate. The course includes an introduction to the basic concepts of electricity and magnetism, electronic circuits and digital electronics.

EET 1141C
Electronic Devices and Circuits I (4) (A.A.S./A.S.)
Prerequisite: EET 1033C. This course includes the study of electronic devices and circuits, including diodes, zener diodes, light emitting diodes, bipolar transistor, MOSFET’s and op-amps. Additional special fees are required.

EET 2142C
Electronic Devices and Circuits II (4) (A.A.S./A.S.)
Prerequisite: EET 1141C. This course includes the study of operational amplifiers, including open and closed loop configurations, frequency response and gain, input and output impedance, noise and distortion. The laboratory exercises provide hands-on experience with applications such as power supplies and regulation, mixer circuits, oscillators, comparators, active filters and phase locked loops. Industrial electronics applications such as power control using SCR, TRIAC and UJT devices will be studied. Additional special fees are required.

EET 2930
Special Topics: Electronics (1-6 variable) (A.A.S./A.S.)
This course is designed to meet specific needs which existing courses cannot meet. Prerequisites vary and depend on the topics covered.

EEX - Education: Exceptional Child-Core

EEX 2010
Introduction to Exceptional Learners (3) (A.A.S./A.S.)
The overall goal of this course is to introduce the techniques of identifying and understanding the needs of children who are significantly different from members of the dominant culture. Specific attention will be given to identifying their needs and accommodating their needs in the classroom.

EEX 3226
Assessment of All Young Children and Field Experience (3) (B.S.)
Prerequisite: Admission to the Early Childhood Education B.S. Program. This course focuses on authentic assessment of all young children. It includes identification, administration, and interpretation of assessment instruments and processes for intellectual, social, physical, emotional, educational and language evaluation. Students learn classroom-based assessment as well as the interpretation and use of that information to plan curriculum that is responsive to and supportive of children’s learning and the early childhood teacher’s assessment responsibilities. Students are provided information on the Florida Educator Accomplished Practices, Sunshine State Standards and the Professional Educator Competencies. Students are required to complete a minimum of 15 hours of field-based experience (during the term in which the course is taken) with preschoolers, children and/or youth in schools or similar professional educational settings. (This field component must be via virtual modes of film or Internet.)

EEX 3401
Special Needs of Children and their Families + Field Experiences (3) (B.S.)
Prerequisite: Admission to the Early Childhood Education B.S. Program. Students receive a comprehensive overview of the field of early childhood special edu-
EEX 4603
Behavior Management in the Preschool & Field Experience (3) (B.S.)
Prerequisite: Admission to the Early Childhood Education B.S. Program. Field experience required. Students develop skills and competencies needed for classroom management and child guidance, and the ability to communicate expectations for behavior to children, parents and others in the school community. This course addresses methods and strategies to assist young children in developing pro-social skills in a developmentally appropriate program that creates a positive and caring environment for young children. Students will be provided information on the Florida Educator Accomplished Practices, Sunshine State Standards and the Professional Educator Competencies. Students are required to complete a minimum of 15 hours of field-based experience (during the term in which the course is taken) with preschoolers, children and/or youth in schools or similar professional educational settings. (This field component must be via virtual modes of film or Internet.)

EEX 4701
Blending Early Childhood Methods & Field Experience (3) (B.S.)
Prerequisite: Admission to the Early Childhood Education B.S. Program. Field experience required. This course explores an organized approach of teaching young children with and without disabilities, and development, educational, and functional skills useful in natural environments including home and educational settings. Students learn classroom-based assessment, and then to interpret and use that information to plan curriculum that is responsive to and supportive of children’s learning and the early childhood teacher’s assessment responsibilities. Students are provided information on the Florida Educator Accomplished Practices, Sunshine State Standards and the Professional Educator Competencies. Students are required to complete a minimum of 15 hours of field-based experience (during the term in which the course is taken) with preschoolers, children and/or youth in schools or similar professional educational settings. (This field component must be via virtual modes of film or Internet.)

EGS, Engineering: Support

EGS 1110C
Engineering Drawing (3) (A.A.S./A.S.)
This course concerns the selection and use of instruments, the making of working and assembly drawings, instructions in applied geometry, applications of principles of geometry in mechanical engineering drawings, lettering, theory of projection drawing, orthographic projections, sections and conventions, pictorial representations, including isometric and oblique projections, and perspective drawings.

EME, Education: Technology and Media

EME 2040
Introduction to Technology for Educators (3) (A.A.)
This course is designed to introduce preservice and inservice teachers to classroom uses of technology to enhance the quality of the teaching and learning process. The course includes hands-on experience with educational media, emerging technologies, hardware, software and peripherals for the educational computer. In addition principles for data-driven decision-making and best practices of instructional design will be identified. A focus on the legal and ethical uses of technology and on highly effective instructional strategies for teachers and students will be maintained. Students will be provided an overview of the Florida Educator Accomplished Practices, Sunshine State Standards, the Professional Educator Competencies and the National Educational Technology Standards.

ENC, English Communication

ENC 0010
College Preparatory Writing I
College Preparatory (5) (C.P.)
Three hours lecture, two hours laboratory per week. This course is required for students whose past performance and/or test scores indicate a need for training in the basic skills of written communication. After successful completion with a grade of "C" or better, the student will enroll in ENC 0020. Students also must register for ENC 0010L. Fall 2011 only, becomes ENC 0015C effective Spring 2012.

ENC 0010L
Writing Laboratory
College Preparatory (0) (C.P.)
Two hours of laboratory work per week are required in addition to three hours of classroom instruction in ENC 0010. This laboratory course is designed to complement and supplement classroom instruction in ENC 0010. It acquaints the student with the basic mechanics of language and spelling in standard written English. Additional special fees are required. Fall 2011 only.
ENC 0015C
College Preparatory Writing I
College Preparatory (4) (C.P.)

Three hours per week and a required online laboratory component. This course is required for students whose past performance and/or test scores indicate a need for training in the basic skills of written communication. After successful completion with a grade of “C” or better, the student will enroll in ENC 0025C. (Formerly ENC 0010.)

ENC 0020
College Preparatory Writing II
College Preparatory (3) (C.P.)

Prerequisite: ENC 0010 or appropriate test scores. This course is required for students whose past performance and/or test scores indicate a need for training in the basic skills of written communication with emphasis on writing multiparagraph essays. After successful completion with a grade of “C” or better, the student will enroll in ENC 1101. Fall 2011 only, becomes ENC 0025C effective Spring 2012.

ENC 0025C
College Preparatory Writing II
College Preparatory (4) (C.P.)

Three hours per week and a required online laboratory component. Prerequisite: ENC 0010 or ENC 0015C or appropriate test scores. This course is required for students whose past performance and/or test scores indicate a need for training in the basic skills of written communication with emphasis on writing multi-paragraph essays. After successful completion with a grade of “C” or better, the student will enroll in ENC 1101. (Formerly ENC 0020.)

ENC 1101
Written Communication I (3) (A.A.)

Prerequisite: ENC 0020 or ENC 0025C and REA 0002 or REA 0017 or appropriate score on English and reading placement test. This course meets Area I of the A.A./A.A.S./A.S. general education requirements and the Gordon Rule requirement. This course encompasses grammar and diction review, composition, expository writing, work with both primary and multiple source themes, instruction in the use of the library and writing the research paper, and practice in oral communication.

ENC 1102
Written Communication II (3) (A.A.)

Prerequisite: Completion of ENC 1101 with a grade of "C" or better. This course meets Area I of the A.A. general education requirements and the Gordon Rule requirement. While instruction in composition, rhetoric, grammar and research is continued from ENC 1101, course content includes an introduction to literature with emphasis on reading critically and analytically, understanding literary terminology and techniques and writing about literature.

ENC 1949
Co-Op Work Experience I in English (1-3 variable) (A.A.)

Twelve hours of volunteer or work experience per week are expected based on the credit hour requirements. Prerequisite: permission of instructor or program manager. This work-study course reinforces education and professional growth in a student’s academic major through coordinated field experiences. The student, instructor and work site supervisor work together to determine specific learning objects for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager’s approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

ENC 2210
Technical Communication (3) (A.A.)

Prerequisite: ENC 1101 with a grade of "C" or better. This course meets the Gordon Rule requirement. This is a basic course in communication, both written and oral, for anyone who must convey specific information accurately and clearly. Representative aspects of technical communication encountered in industry and business are covered.

ENC 2930
Special Topics: English (1-3 variable) (A.A.)

This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

ENC 2949
Internship Experience in English (1-3 variable) (A.A.)

Twelve hours of volunteer or work experience per week are expected based on the credit hour requirements. Prerequisite: Six hours of ENC credit and/or permission of instructor or program manager. This work-study course is designed to continue training in the student’s academic major through field experiences. The student, instructor and work site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project. With program manager’s approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

ENL, English Literature

ENL 2010
English Literature I (3) (A.A.)

Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of “C” or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and the Gordon Rule requirement. A chronological survey of masterpieces of
British literature, with a focus on literary history, philosophical backgrounds, and analytical and critical reading and writing. This course explores British literature from its origins to 1790, including the Old English (Anglo-Saxon), Medieval, Renaissance (Early Modern), and Neoclassical periods.

**ENL 2022**  
**English Literature II (3) (A.A.)**
Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of “C” or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and the Gordon Rule requirement. A chronological survey of masterpieces of British literature, with a focus on literary history, philosophical backgrounds, and analytical and critical reading and writing. This course explores British literature from 1790 to the present, including the Romantic, Victorian, Modern, and Contemporary periods.

**EPI, Education: Alternative Certification Core**  
**For ACP Participants Only**

**EPI 0001**  
**Classroom Management (3) (I.C.) 40 contact hours**
This course addresses the Florida Educator Accomplished Practices competency areas of assessment, communication, continuous improvement, ethics, learning environment, planning and role of the teacher. Specific classroom strategies for managing classroom behavior in proactive and positive ways are explored. The course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 6, 12, 13, 15, 19, 20 and 21 will be covered.

**EPI 0002**  
**Instructional Strategies (3) (I.C.) 40 contact hours**
This course addresses the Florida Educator Accomplished Practices competency areas of assessment, communication, diversity, human development and learning, knowledge of subject matter, learning environment, planning, role of the teacher, technology and reading. Topics for this course include generic teaching skills, techniques and strategies, basic to all grade levels and curricula. The course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 5, 6, 9, 11, 12, 13, 16, 20 and 21 will be covered.

**EPI 0003**  
**Technology (3) (I.C.) 40 contact hours**
This course addresses Florida Educator Accomplished Practices competency areas of assessment, critical thinking, ethics, human development and learning, knowledge of subject matter, learning environment, planning, role of the teacher and technology. Topics covered include multimedia applications in education including application and presentation software, observation and demonstration of exemplary teaching practices, and assessment of appropriateness of technology within the curriculum. The course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 11, 13, 15, 19, 20 and 21 will be covered.

**EPI 0004**  
**The Teaching and Learning Process (3) (I.C.) 40 contact hours**
The course addresses Florida Educator Accomplished Practices competency areas of assessment, communication, continuous improvement, critical thinking, diversity, human development and learning, learning environments, planning, role of the teacher and reading. Psychological principles as applied to the K-12 educational system in America are explored. Topics include classical and modern theories of learning, developmental level appropriate learning activities and accommodations, motivation and various methods of assessment and testing. The course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 5, 6, 9, 11, 12, 13, 16, 20 and 21 will be covered.

**EPI 0010**  
**Foundations of Research-Based Practices in Reading (3) (I.C.) 45 contact hours**
This course addresses Florida Educator Accomplished Practices competency areas of reading, human development and learning. This course presents concepts and knowledge that are the foundation for a reading program. In addition strategies and skills to implement a basic reading program will be taught. This course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standard 10 will be covered.

**EPI 0020**  
**Professional Foundations (2) (I.C.) 30 contact hours**
This course addresses Florida Educator Accomplished Practices competency areas of assessment, ethics and role of the teacher. This course focuses on the foundation of American schools and what new teachers need to know and expect during their careers. Topics include history of American education, classical philosophies of education, school law, ethics and legal issues, characteristics of effective schools and commitments to continuous professional growth and improvement. Students also must register for field experience EPI 0940. This course
will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 1, 3, 7 and 14 will be covered.

EPI 0030
Diversity in the Classroom (2) (I.C.) 30 contact hours
This course addresses Florida Educator Accomplished Practices competency areas of communication, diversity, learning environments, planning, role of the teacher, technology and reading. Students also must register for field experience EPI 0945. This course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 1, 3, 7 and 14 will be covered.

EPI 0040
Field Experience for Professional Foundations (1) (I.C.) 15 contact hours
This course addresses Florida Educator Accomplished Practices competency areas of ethics and role of the teacher in a field-work setting. During this course students will complete 15 hours of observing and teaching in a K-12 classroom setting. Students also must enroll concurrently in Professional Foundations EPI 0020. This course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 1, 2, 3, 4, 13, 14, 15 and 25 will be covered.

EPI 0945
Field Experience for Diversity in the Classroom (1) (I.C.) 15 contact hours
This course addresses Florida Educator Accomplished Practices competency areas of diversity, ethics, learning environments, planning and the role of the teacher in a field-work setting. Participants will complete a series of experiences designed to give prospective teachers a perspective on the varied backgrounds of students in public, charter or accredited private schools. These experiences as they relate to content knowledge of diversity and interactions in the schools will be discussed. Students must enroll concurrently with EPI 0030. This course will assist teachers in developing attitudes, skills and knowledge which will enable them to identify students who are Limited English Proficient (LEP) and to provide and justify effective instruction for LEP students. Performance standards and indicators for ESOL Standards 2, 4, 7, 14, 17, 18 and 25 will be covered.

EST, Electronic Specialty Technology
EST 2360
Introduction to Nanotechnology (3) (A.S./A.A.S.)
This course is a fundamental nanotechnology course that covers laboratory safety, nanoparticle deposition and measuring techniques using light scattering, x-ray diffraction, AFM and SEM. There also are practice writing, a scientific paper and scientific paper review.

ETC, Engineering Technology: Civil
ETC 2450C
Concrete (2) (A.A.S./A.S.)
This is a study of the physical properties of concrete and concrete products. Emphasis is placed on testing, involving ingredient proportions and variations and testing resulting strength and bearing capabilities. (Fall)

ETD, Engineering Technology: Drafting
ETD 1320C
Introduction to AutoCAD (3) (A.A.S./A.S.)
Prerequisites: CGS 1000 and EGS 1110C or BCN 1251C or permission of instructor. This course will use the AutoCAD software to teach the student how to apply basic drafting procedures to the computer environment. Additional special fees are required. (Fall, Spring)

ETD 1340C
AutoCAD II (3) (A.A.S./A.S.)
Prerequisite: ETD 1320C. This course is a continuation of Introduction to AutoCAD. The student will learn the advanced topics in AutoCAD using intermediate techniques of AutoCAD software to develop three-dimensional drawings, construction drawings and architectural drawings. The major topics include plotting by various methods, use of the rotation option to draw auxiliary views, extended work with hatching, extended work with blocks and wblocks, dimensioning, use of attributes, library files, polylines, solids, system variables, and customizing AutoCAD. Additional special fee is required.

ETD 1350C
AutoCAD III (3) (A.A.S./A.A.S.)
Prerequisite: ETD 1340C. This course is a continuation of Introduction to AutoCAD, and AutoCAD II. This course covers the construction, viewing and plotting of three-dimensional drawings of objects, including construction and architectural drawings. The major topics involve the construction of three-dimensional drawings by the use of various AutoCAD three-dimensional drawing facilities including (1) prismatic-object construction, (2) preconfigured primitive objects, (3) three-dimensional coordinates and (4) three-dimensional surface entities. Additional special fee is required.

ETD 1390C
Autodesk Revit (3) (A.S./A.A.S.)
This is an introduction course using Revit architectural
software to produce three-dimensional (3-D) designs and details of buildings. Topics consist of the techniques and methods to create architectural buildings that include site plans, floor plans, roof design, 3-D photorealistic rendering, and two-dimensional (2-D) architectural drawings from the construction’s documents set of structural drawings. Additional special fee is required.

**ETD 1395C**
**Architectural Computer-aided Design (3) (A.A.S./A.S.)**
Prerequisites: ETD 1320C and BCN 1251C or permission of instructor. This course will use computer-based software to design and draw architectural drawings of residential and commercial buildings. Additional special fees are required.

**ETD 2331C**
**AutoCAD AutoLISP (3) (A.A.S./A.S.)**
Prerequisite: ETD 1320C. The student will use AutoCAD to customize the drawing process and to write AutoLISP routines to increase efficiency in drawing and to automate some of the CAD process. Additional special fee is required.

**ETD 2364C**
**Introduction to SolidWorks (3) (A.S./A.A.S)**
This course is an introduction to the new designing techniques and capabilities of solid modeling using the SolidWorks software. Topics include the integration of advanced parametric solid modeling drawing tools into SolidWorks. Additional special fee is required.

**ETD 2368C**
**Advanced SolidWorks (3) (A.S./A.A.S.)**
Prerequisite: ETD 2364C. This course presents the advanced use of new designing techniques and capabilities of solid modeling using the SolidWorks software, including the integration of the advanced parametric modeling and drawing tools for SolidWorks. The course topics to be covered include advanced 3D sketching, advanced work planes, advanced assembly construction, bottom up and top down, part configuration, Solid Works Tool Box applications, concept of mold design, and creation of sheet metal parts and assemblies. Additional special fee is required.

**ETD 2392**
**Advanced Architectural Revit (4) (A.S./A.A.S.)**
Prerequisite: ETD 1390C or permission of the program administrator. This is an advanced course of Autodesk Revit to create, design and produce construction and schematic drawings of mechanical, electrical and plumbing systems of a building project. Topics include the techniques used to create architectural building drawings to include an overview of the Building Information Modeling (BIM) process, including the design integration of the various building disciplines: architectural, interior design, structural, mechanical, electrical and plumbing (MEP). Additional special fee is required.

**ETD 2545C**
**Advanced Drafting (3) (A.A.S./A.S.)**
Prerequisites: MTB 1321 and SUR 2100C. The course concerns drafting skills related to structural, civil engineering and surveying. The course includes translating field notes to drawings, engineering and placing drawings, plats, survey maps, paving, water and sewer plans and profiles and site plans.

**ETD 2701C**
**Elementary Machine Design (3) (A.A.S./A.S.)**
One hour lecture, four hours laboratory per week. Prerequisite: EGS 1110C. This course focuses on the study of gears, cams, belts, friction drives and assemblies in industrial machinery; as well as emphasizes the design and the use of standardized parts. Additional special fees are required.

**ETD 2930C**
**Selected Topics in Technology (1-6 variable) (A.A.S./A.S.)**
This course is designed to meet specific needs of individuals or groups, which the standard courses do not meet. It may contain material selected from existing courses or emerging topics.

**ETD 2949**
**Internship in Technology (1-4 variable) (A.A.S./A.S.)**
Prerequisite: Completion of 18 hours of technology courses and/or permission of instructor or program manager. The student may augment their academic studies with practical field experience. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. Final evaluation of the student is based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager’s approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

**ETG, Engineering Technology: General**

**ETG 2502**
**Engineering Mechanics-Statics (3) (A.A.)**
Prerequisite: MTB 1321 or permission of program director. This is the study of force systems in equilibrium. Topics include moments of inertia, centroids, couples, trusses, friction.

**ETG 2530C**
**Strength of Materials (3) (A.A.)**
Prerequisite: ETG 2502. This course focuses on the study of strengths and properties of various engineering materials and investigation of stresses, strains, elasticity, thermal properties, deflections and deformations with their effect on design. Additional special fees are required.
ETI, Engineering Technology, Industrial

ETI 1110
Quality Assurance (3) (A.A.S./A.S.)
Prerequisite: CGS 1000. This course defines the role of quality in an industrial environment. Topics include the use of quality management techniques and quality philosophies, process development, techniques used for evaluation, approaches used on continuous operations, methods used to control quality, and the International Organization for Standardization (ISO) series of standards. The method of analyzing data through statistical process control (SPC) charts is also covered.

ETI 1130C
Instrumentation (3) (A.A.S./A.S.)
This course provides the basic foundation for both mechanical and electronic measurement techniques used in manufacturing environments. The course integrates the concepts, principles and techniques of mechanical measurement with the use of various types of instruments including micrometers, verniers, calipers, gages and other types of measuring equipment. The course also introduces students to the basic measurement techniques employing electronic test equipment including the operation and usage of digital multimeters, function generators and oscilloscopes. Additional special fees are required.

ETI 1701
Industrial Safety (3) (A.A.S./A.S.)
This course focuses on the theories and principles of occupational safety and health, in a practical and useful real world job-related setting. Major topics include Occupational Safety and Health Administration (OSHA) compliance, safety standards, code enforcement, ergonomic and mechanical hazards, falling, lifting, electrical and fire hazards, industrial hygiene, radiation, noise, emergencies and environmental safety.

ETI 2411
Manufacturing Processes (3) (A.A.S./A.S.)
This course provides an introduction to various materials of industry and fundamental manufacturing methods used in hot and cold working processes. Topics covered include heat treatment, welding, tooling, measurements, molding, casting, patternmaking, coring, milling, drilling, boring, inspection procedures and testing with equal emphasis on theory and practical experience.

ETI 2411L
Manufacturing Processes Lab (0) (A.A.S./A.S.)
Companion laboratory to ETI 2411 Manufacturing Processes. College credit is earned by ETI 2411 and this mandatory corequisite.

ETP, Engineering Technology: Power

ETP 1511
Introduction to Biofuels (3) (A.S./A.A.S.)
This is an introductory course designed to give an understanding of various renewable feedstocks of importance to Florida, and their availability and attributes for biofuels production. It also provides an understanding of the broad concept of second and third generation biofuel production from biomass and other low-cost agri-residues and biowastes. The students learns to analyze and design processes for biofuel production.

EUH, European History

EUH 1000
Western Civilization I (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This survey course covers the civilization and cultures of the Western world from the earliest civilizations of the Middle East through the age of the Reformation to approximately 1600.

EUH 1001
Western Civilization II (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This survey course emphasizes the political, social, economic, religious and cultural aspects of the modern world from approximately 1600 to the present.

EUH 2930
Special Topics in Western Civilization (1-4 variable) (A.A.)
This course is designed to meet the specific needs of individuals or groups for whom regularly described courses may not be available.

FES, Fire and Emergency Services

FES 3833
Emerging Issues in Environmental Disaster Management (3) (B.A.S.)
This course provides the student with an overview of society’s need for planning for disastrous situations. The lessons discuss the best practice and proper methodologies required when preparing for or preventing disaster in land for farming or construction. The course also focuses on mitigation measures that are required to reduce risk from natural and technological hazards. In addition, the course provides the student with an understanding of interagency cooperation between emergency responders such as fire departments, police departments, and emergency medical personnel and the emergency manager to prevent or reduce injury and damage from a disaster.

FES 4014
Evolution of Emergency Management (3) (B.A.S.)
This course examines the history and the principles used in establishing emergency management in the United States. It describes the four phases of emergency management, relates processes to codes and laws governing emergency management, and examines emergency management and the terrorist threat.
### FFP, Fire Fighting and Protection

**FFP 1000**  
*Introduction to Fire Science (3) (A.A.S./A.S.)*  
This course provides an overview of the fire protection field, with emphasis on fire protection agencies, equipment, building design and construction and fire fighting tactics. Topics include fire suppression and equipment, characteristics and behavior of fire, fire hazard properties of ordinary materials, extinguishing agents and public relations.

**FFP 1505**  
*Principles of Fire Prevention (3) (A.A.S./A.S.)*  
This course provides a study of the structure and organization of fire-prevention principles, application of codes, laws and ordinances, methods of developing fire-prevention programs, recognition and elimination of fire hazards, problems of public relations, public education, inspection practices and fire "risk" analysis and practices.

**FFP 1706**  
*Public Information Officer (3) (A.A.S./A.S.)*  
This course provides information and training necessary for the Public Information Officer position within an emergency services organization. Students will learn to perform as an organizational spokesperson. Emphasis will be placed on emergency communications to elements of the public, as well as the network of television, print and radio news media at the local, regional and national levels.

**FFP 1720**  
*Company Officer (3) (A.A.S./A.S.)*  
This course explores the broad concepts of supervision and leadership that enable students to analyze the kinds of effective leadership needed in the fire service. It also provides instruction on how these roles and attitudes change in the high-stress conditions to which firefighters are routinely exposed. Use of case studies and individual goal setting are stressed.

**FFP 1770**  
*Ethical and Legal Issues (3) (A.A.S./A.S.)*  
This course deals with various legal and ethical issues affecting the fire service today. These issues include but are not limited to: human and employee rights, lying, conflict of interest, labor decisions and ethical decisions. The student will participate in class and lectures that will bring about discussion as to how these areas affect and are affected by the fire service today, and how to deal with them. The student will be familiar with simple legal terms as outlined in the reference text and in class.

**FFP 1793**  
*Fire and Life Safety Educator (3) (A.A.S./A.S.)*  
This course provides the outline and background information necessary for the students to understand the role and responsibilities of a fire and life safety educator. Students will learn how to analyze "at risk" groups within the community, i.e., seniors, children and handicapped, and develop fire and life safety programs specific to those needs. The student will design and deliver both oral and written presentations to members of the public and private sectors of their communities.

**FFP 2111**  
*Fire Chemistry (3) (A.A.S./A.S.)*  
This course is designed to provide the fire science professional with the basic principles of chemistry as they pertain to the study materials. These are hazardous to the environment because of their flammability, toxicity and reactivity, or pose a threat to living organisms as they are encountered during emergency situations. Emphasis is placed on identification and mitigation procedures.

**FFP 2120**  
*Building Construction for the Fire Service (3) (A.A.S./A.S.)*  
This course covers construction features of ordinary reinforced concrete and steel buildings, with emphasis placed on the hazards involved under fire conditions. Life safety issues dealing with fire spread, confinement and structural integrity of buildings are related to fire prevention inspection practices.

**FFP 2510**  
*Codes and Standards (3) (A.A.S./A.S.)*  
This course is designed to prepare the firefighter, fire officer and fire inspector to conduct inspections of private and public occupancies, and understand how to interpret and apply building fire and life safety codes to existing and new construction in accordance with local, state and national fire prevention codes. Use of the Florida Uniform Fire Prevention Codes as adopted by the state Legislature in 2001 and NFPA 1 shall be the foundation of enforcement activities.

**FFP 2521**  
*Construction Documents and Plans Review (3) (A.A.S./A.S.)*  
The course is designed to provide a fire officer, fire inspector or fire marshal with skills related to reading and reviewing plans for commercial and residential buildings within the authority having jurisdiction. Understanding and application of symbols, building codes and standards, and construction techniques and terminology is essential to applying the appropriate fire and life safety codes to new and existing occupancies.

**FFP 2540**  
*Private Fire Protection Systems I (3) (A.A.S./A.S.)*  
This is a study of the importance and use of fire protection, detection and suppression systems. An in-depth analysis of a variety of systems and devices including automatic extinguishing systems, functional characteristics of these systems and devices is discussed. Domestic water supply systems also are stressed with relationship to the effectiveness of the systems.

**FFP 2541**  
*Private Fire Protection Systems II (3) (A.A.S./A.S.)*  
This course is designed as an advanced curriculum for experienced firefighters, fire officers, fire inspectors...
and fire marshals. The intent is to provide supplemental information in areas of fire systems design and protection, as well as life safety and emergency management issues. Use of the NFPA Fire Protection Handbook, current edition, as the reference text provides in-depth research of all aspects of the senior-level inspector's areas of responsibility.

FFP 2610
Fire Investigation: Cause and Origin (3) (A.A.S./A.S.)
This course is a study of the fire department's purpose and responsibility in fire investigation, including emphasis on proper procedure and practice for arson and other types of fire investigation. Fire causes, inspections, sources of ignition, origin, spread, speed and directions flow are stressed. A study of applicable laws and pertinent evidence as they relate to illegal fires is examined.

FFP 2740
Fire Service Course Delivery (3) (A.A.S./A.S.)
This comprehensive and basic course is designed to meet the needs for efficient and effective instruction and training in the fire science industry. The course provides the student with the appropriate resource material and techniques for developing, reviewing, expanding and strengthening fire science instructional skills.

FFP 2741
Fire Service Course Design (3) (A.A.S./A.S.)
This course provides the fire service instructor with the concepts, knowledge and skills necessary to design, schedule and implement fire service training curriculum. The instructor will develop the skills needed to locate resources, coordinate instructors, schedule classes and facilitate courses for a variety of groups within the private and public sectors in order to accomplish the fire service educational mission.

FFP 2780
Fire Department Organization and Administration (3) (A.A.S./A.S.)
This course offers a study of managerial and administrative concepts and principles as they pertain to and affect the daily operations of a fire department. Managerial theories and application to planning and organization related to scheduling, budgeting, reporting, personnel, discipline, command leadership, equipment maintenance, training and community relations are stressed.

FFP 2810
Firefighting Tactics and Strategies I (3) (A.A.S./A.S.)
This is a basic study of concepts of firefighting strategies and tactics, including the use of firefighting personnel power, placement of apparatus and equipment, prefire planning, fire-ground decisions, firefighting fundamentals and behavior, principles of extinguishing and the proper role for the utilization of various techniques.

FFP 2811
Firefighting Tactics and Strategies II (3) (A.A.S./A.S.)
Prerequisite: FFP 2810. This course is designed to acquaint students with the process and procedures necessary for fire departments. The study of fire administration, force organization, training, operations, personnel power distribution and tactical deployment on the fire ground is stressed. Assignments and personnel power grouping in actual field or fire ground simulation are emphasized.

FIL, Film

FIL 1000
Introduction to Film and Television (3) (A.A.)
Prerequisite: Concurrent registration or completion of ENC 1101 with a grade of "C" or better. This course introduces the student to the essentials of creative filmmaking and television production, providing a broad theoretical and practical base from which the student can expand to long-form film and video projects. It is the initial production elective in Multimedia A.A.S./A.S.- Emphasis in Film and Telecommunication. Additional special fees are required.

FIL 1007
Foundations of Story (3) (A.A.)
Prerequisite: ENC 1101. This course meets the Gordon Rule requirement. It is an analysis of dramatic and cinematic structures designed to help students develop visual literacy. Films are viewed with an emphasis on formalism -- how the language of the film (camera work, editing, sound, story structure, acting, etc.) creates meaning for viewers. Various theories of criticism are addressed, along with genre imperatives and storytelling trends in world cinema. "Foundations of Story" is not a history of cinema, but an exploration of its language, properties and style that equip the viewer to better understand the audiovisual culture that surrounds us.

FIL 1030
History of Motion Pictures (3) (A.A.)
This course meets Area IV for the A.A./A.A.S./A.S. general education requirements, and part of the International/Intercultural requirement. This is a basic survey and appreciation course in the art of international filmmaking. Through lecture, text and film, the history of cinema is traced from 1895 to the present. More than 12 feature films are presented for analysis. Additional special fees are required.

FIL 1420
Introduction to Film Production I (3) (A.A.)
Prerequisite: FIL 1000 or permission of the instructor. This production course builds upon the aesthetic investigations and elementary technical skills developed in FIL 1000. It includes an exploration of documentary film or avant garde film techniques and hands-on production. Students apply the essentials of creative filmmaking in both studio and location settings. Additional special fees are required.
FIL 1537
Audio Design (3) (A.A.S./A.S.)
Three hours per week lecture/demonstration and individual laboratory time. Prerequisite: FIL 1000, FIL 2571. This course engages the student in both the techniques and aesthetics of digital audio production. The resulting projects are stand-alone audio packages or supplemental components of larger, multimedia programs. There is strong emphasis on recording and editing strategies, with a variety of outcome programming customized to fit listener forums such as radio, television, Internet audio, Web site audio, CD, instructional and informational tapes and film soundtracks. Additional special fees are required.

FIL 1949
Career Decision Work Experience In Film/Video (3) (A.A.)
Twelve hours of volunteer or work experience per week are expected based on the credit hour requirements. Prerequisite: Permission of instructor or program manager. This work-study course reinforces education and professional growth in a student's academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments.

FIL 2100
Motion Picture Writing I (3) (A.A.)
Prerequisite: ENC 1101. This course introduces the student to the elements necessary for understanding and appreciating the motion picture screenplay and provides instruction on the techniques of writing professional scripts. Components include detailed study of the core elements that comprise screenplays (dialogue, character, imagery and plot), thorough analysis of the mechanics of structure and form, individual study of exemplary screenplays and execution of these skills in the form of a completed screenplay. Additional special fees are required.

FIL 2423
Foundations of Production (3) (A.A.)
Prerequisite: FIL 1000 or permission of instructor. A study and execution of the film-making process from concept to completion with special emphasis on relationships between various job categories. Through participation as a member of a production crew, a short film will be produced to help understand the specific roles of “below-the-line” production technicians. This course explores the industrial production process and prepares students to work on professional film sets as well as run their own student productions effectively. Additional special fee is required.

FIL 2552
Editing (3) (A.A.)
Prerequisite: FIL 1000 or permission of the instructor. A comprehensive course examining the theory, procedures and practices of digital video editing. Students edit dramatic scenes and documentary footage to learn the tools and techniques of the editor’s craft in the service of narrative and information delivery. The language of cinematic montage and issues of continuity, movement, sound and effects are studied as they relate to the essentials of visual storytelling. Additional special fee is required.

FIL 2571
Post-production Workshop (3) (A.A.S./A.S.)
Prerequisites: FIL 1000, FIL 1420 or permission of instructor. Advanced study in film, television and radio production through class activities, lecture, discussion and assigned internship duties at local production and post-production facilities. Media outlets for workshop projects can conform to individual student’s areas of interest. Included is an analysis of market trends and promotional aspects of specific media. Additional special fees are required.

FIL 2580
Film-style Production (3) (A.A.S./A.S.)
Prerequisites: FIL 1000, FIL 1420. This course invites participation by advanced students in a practical experience of electronic moviemaking where both technical and aesthetic skills are developed. By experiencing key roles on a film crew, students collaborate to create a single film project that can represent the College on the festival circuit and in student competitions. Ongoing projects are planned and critiqued in weekly three-hour production meetings. All other production activity is scheduled accordingly. Additional special fees are required.

FIL 2835
Appreciation of Film (3) (A.A.)
Three hours per week. Prerequisite: ENC 1101. This course meets part of the International/Intercultural requirement. It is designed to improve understanding and appreciation of film as an art form by emphasizing a genre-study approach. This is a critical and historical exploration through lecture, feature film screenings, discussion, text readings and written assignments with a basic introduction to film theory and the rudimentary principles of film production. Appreciation of Film also includes examples from other media such as literature, theatre, music and television, to compare how those forms address the genre conventions.

FIL 2920
Business Applications for Film and Telecommunications (1) (A.A.S./A.S.)
Prerequisites: FIL 1000, FIL 1420, FIL 1537, FIL 2571, FIL 1949 or MMC 1949, FIL 2949 or MMC 2949, MMC 2000 or RTV 2000, GRA 1100C, GRA 2160C. Recommended prerequisites: FIL 2100, FIL 2580. This course examines legal and social issues affecting the telecommunications worker. In addition, the sessions cover issues involving industry trends, business communications, professional organizations, marketing and self-promotion, work-estimating and pricing. Other areas to be discussed include copyright law, insurance, liability and work-for-hire implications. Several working professionals will share their experiences and insight with students.
FIL 2930  
Special Topics: Film (1-3 variable) (A.A.)  
This course is designed to meet the special needs of individuals or groups for whom regular, described courses may not be available.

FIL 2949  
Internship in Film/Video (3) (A.A.)  
Twelve hours of volunteer or work experience per week are expected based on the credit hour requirements. Prerequisite: Six hours of FIL or MMC credit and/or permission of instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project.

FIN, Finance  
FIN 2001  
Financial Management (3) (A.A.S./A.S.)  
Prerequisite: ACG 2021C or permission of department chair. A study of the processes, decisions, structures and institutional arrangements concerned with the acquisition and utilization of funds by a firm is presented. Financial statement analysis for investment also is covered.

FRE, French Language  
FRE 1120  
Elementary French I (4) (A.A.)  
Three hours per week and a required online laboratory component. Prerequisite: College-level reading and writing skills are required or consent of the department. This course is a prerequisite of FRE 1121 with a "C" or better. This course includes fundamentals of grammar with emphasis on reading, speaking and listening.

FRE 1121  
Elementary French II (4) (A.A.)  
Three hours per week and a required online laboratory component. Prerequisite: FRE 1120 with a grade of "C" or better. This course includes fundamentals of grammar with emphasis on reading, speaking and listening.

FRE 2200  
Intermediate French I (3) (A.A.)  
Three hours per week and a required online laboratory component. Prerequisites: FRE 1120 and FRE 1121 or equivalent. This course meets part of the International/Intercultural requirement. This course includes reading the literature and reading about cultural history of France, with discussions. Grammar is reviewed and oral facility is emphasized.

FRE 2201  
Intermediate French II (3) (A.A.)  
Three hours per week and a required online laboratory component. Prerequisites: FRE 1120, FRE 1121 and FRE 2200 or equivalent. This course meets part of the International/Intercultural requirement. This course includes reading the literature and reading about cultural history of France, with discussions. Grammar is reviewed and oral facility is emphasized.

GEA, Geography, Regional Areas  
GEA 2000  
World Regional Geography (3) (A.A.)  
This course meets Area III of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course focuses on the human relationship to physical, cultural and economic zones of the world. The course may include the interpretation of global patterns through the five themes of geography. Place geography and political map use are emphasized. Field trips may be featured.

GEB, General Business  
GEB 1011  
Introduction to Business (3) (A.A.)  
This is an introductory course in general business terminology and in understanding the agencies, methods, functions and practices of modern businesses with their resultant effects on the economic and social life of the nation.

GEB 2210  
Business Presentations and Communications (3) (A.A.S./A.S.)  
This course provides a practical working knowledge of current business communications and develops the skills necessary to analyze, evaluate and formulate effective written, oral and multimedia presentations. Course objectives are achieved through study of readings, research and lecture materials and through individual and group projects and writings. Students are required to complete an empirical research project. Additional special fee is required.

GEB 2350  
Introduction to International Business (3) (A.A.S./A.S.)  
Three hours per week. This introductory course in international business is designed to provide an overview of international trade as it relates to existing and emerging global markets, foreign investments and their impact on financial markets, international marketing, and the operation of multinational corporations.
GEB 2930
Special Topics: Business (1-3 variable) (A.A.S./A.S.)
This course is designed to meet the special needs of individuals or groups for which regular described courses in business may not be available.

GEB 2949
Internship in Business (1-3 variable) (A.A.S./A.S.)
Four, eight or 12 hours of volunteer or work experience per week are expected depending on the credit hour requirements. Prerequisite: Permission of program manager. This work-study course reinforces educational and professional growth in a student’s academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits. (Offered only as needed.)

GEO, Geography, Systematic

GEO 1200
Introduction to Physical Geography (3) (A.A.)
Three hours lecture per week. This course may meet part of the recertification requirement for teachers. This course is an introduction to the study of earth-surface phenomena, earth-sun relationships, land forms, climates, soils, vegetation and conservation of natural resources. Topographic and special purpose map use is emphasized.

GEO 2420
Environment and Culture (3) (A.A.)
This course meets part of the International/Intercultural requirement. An introduction to cultural geography with an emphasis upon the development and spatial arrangement of the major societies of the world. Some of the patterns studied include language, religion, economics and politics. This course is required of geography majors and highly recommended for education and other social science majors.

GER, German

GER 1120
Elementary German I (4) (A.A.)
Three hours per week and a required online laboratory component. Prerequisite: College-level reading and writing skills are required or consent of the department. This course includes fundamentals of grammar with emphasis upon reading, speaking and listening.

GER 1121
Elementary German II (4) (A.A.)
Three hours per week and a required online laboratory component. Prerequisite: GER 1120 with a grade of "C" or better. This course includes fundamentals of grammar with emphasis upon reading, speaking and listening.

GER 2200
Intermediate German I (3) (A.A.)
Three hours per week and a required online laboratory component. Prerequisites: GER 1120-1121 with grades of "C" or better or equivalent. This course meets part of the International/Intercultural requirement. This course includes reading literature and reading about cultural history of Germany. Grammar is reviewed and oral facility is developed.

GER 2201
Intermediate German II (3) (A.A.)
Three hours per week and a required online laboratory component. Prerequisite: GER 2200 with a grade of "C" or better or the equivalent. This course meets part of the International/Intercultural requirement. This course includes reading literature and reading about the cultural history of Germany. Grammar is reviewed and oral facility is developed.

GLY, Geology

GLY 2010
Introduction to Physical Geology (3) (A.A./A.S./A.A.S.)
Three hours lecture per week. This course meets Area V of the A.A./A.S./A.A.S. general education requirements. The course is designed to give the student an understanding of the Earth. The course is appropriate for non-science majors as well as those who will be majoring in geology, civil engineering, landscaping architecture or other disciplines requiring knowledge of the Earth and Earth materials. Course topics will include plate tectonics, history of the Earth, Earth materials, structures and, surface features of the Earth. Topics also will include Earth processes including sinkholes, glaciers, volcanoes and earthquakes. Natural resources from the Earth such as energy and ores will be covered. Specific geology of Florida will be covered.

GLY 2100
Introduction to Historical Geology (3) (A.A./A.S./A.A.S.)
Three hours lecture per week. This course meets Area V for the A.A./A.S./A.A.S. general education requirements. Prerequisite: none, however previous science courses are helpful. The course is designed to give the student an understanding of the geological history of Earth. The course is appropriate for non-science majors as well as those who will be majoring in environmental science, marine science geology, hydrology or other disciplines requiring knowledge of the history of Earth, paleontology and earth materials. Course topics include: the development of geology as a science, the scientific methodology of geology, uniformitarianism, history of Earth, geological time, relative and numerical dating of Earth, fossils and their meaning, life through geological time, evolution of life, orogeny and the evolution of
mountains, and Pleistocene glaciations and global climate changes. Climate changes effecting Florida also are covered.

GRA, Graphic Arts

GRA 1100C
Introduction to Computer Graphics (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Introduction and practical exercises in the use of software on Macintosh computers used to create and generate black/white and color graphics will be the focus of this course. The student will learn necessary computer commands and the use of software to produce assigned graphic layouts. Methods of merging text with graphics, as well as design concepts featuring capabilities of computer graphics will be studied. Additional special fees are required.

GRA 1203C
Digital Pre-Press (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Prerequisites: GRA 1100C and GRA 2190C with a grade of "C" or better. This course covers the technical aspects of translating computer-generated designs to printed reproduction: scanning, file preparation and management, color separation, type specification and management. Additional special fees are required.

GRA 1206C
Typography (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Prerequisite: GRA 1100C with a grade of "C" or better. This course provides the student with information and experience in using type as a design element. This course will include techniques in type, layout, typographic history and recognition of standard type families. Additional special fees are required.

GRA 2121C
Communication Design (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Prerequisite: GRA 1100C and GRA 2190C with a grade of "C" or better. This course provides an introduction to industry standard page and Web layout software. An emphasis will be placed on creative visual/design concepts used in a variety of communication formats for print and Web, in addition to the mastery of the technical aspects of digital files. Additional special fees are required.

GRA 2122C
Desktop Publishing (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Prerequisites: GRA 1100C, GRA 2190C and GRA 2121C with a grade of "C" or better. This course is a continuation of GRA 2121C and is designed to provide students with advanced usage of industry standard page layout software. Emphasis will be placed on the more sophisticated usage of the software and its application to the development of multipage publications and identity campaigns. Additional special fees are required.

GRA 2152C
Computer Image Making (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Prerequisites: GRA 1100C with a grade of "C" or better. In this course the student will learn the potential of industry-standard graphic software, process and technology for creative expression. Graphic design students will learn computer imaging using industry-standard graphic software. Course work will include computer exercises to explain the steps involved in visualizing, organizing, working on and completing a digitally rendered image. Lab work will be augmented by handouts and demonstrations. The course will emphasize vocational competency with hardware and software (tools) as well as the aesthetics of the image created (the content).

GRA 2160C
Web Interactivity (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Prerequisites: GRA 1100C, GRA 2190C, and GRA 2152C with a grade of "C" or better. This course introduces the student to concepts in multimedia authoring. Students will be exposed to different areas of multimedia including manipulation of text, capturing and preparing images, production of audio, creating interactivity and simple animation. Additional special fees are required.

GRA 2190C
Graphic Design Basics (3) (A.A.S./A.S.)
Three hours lecture per week. This course is an overview of the design industry methods of visual communication. Areas covered include terminology, history, techniques for production utilizing hand skills, tools and equipment. The development of creative problem solving as it relates to the design process will be emphasized. Additional special fees are required.

GRA 2425
Business Applications for the Graphic Designer (1) (A.A.S./A.S.)
One hour lecture per week. Prerequisites: GRA 1100C, GRA 2190C, GRA 1104C and GRA 2152C with a grade of "C" or better. This course provides the practical information needed to survive in the "real" world: legal issues such as liability, contracts and copyrights, taxes, business plans, resumes and marketing strategies, estimating and pricing. Information will be delivered by experts from the outside as well as by instructor.

GRA 2721C
Web Design (3) (A.A.S./A.S.)
Two hours lecture, two hours laboratory per week. Prerequisites: GRA 1100C, GRA 2190C and GRA 2152C with a grade of "C" or better. This course provides instruction in the current applications being used in the industry for the production of Web pages. Students will be introduced to a variety of site features including image formats, audio and interactivity. Students will have the opportunity to develop a website from initial concept to completion. Special emphasis will be placed on good design, appropriate use of color and images. Additional special fees are required.
**GRA 2930**  
**Special Topics: Graphic Design (1-3 variable) (A.S.)**  
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

**GRA 2949**  
**Internship in Graphic Design (3) (A.A.S./A.S.)**  
One hundred fifty hours of work experience is expected. Prerequisite: permission of instructor or program manager. This work-study course reinforces education and professional growth through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on journal documentation of job responsibilities and examples of work produced.

**GRA 2950C**  
**Professional Practices (3) (A.A.S./A.S.)**  
Two hours lecture, two hours laboratory per week. Prerequisites: GRA 1100C, GRA 2190C, GRA 1104C, GRA 2152C, with a grade of "C" or better or permission of the program manager. This course is designed to help students develop strategies for entering the design profession by editing and refining portfolios to meet professional standards, designing a personal logo and using it on a resume and other self-promotional materials, practicing interview techniques and professional presentations. Additional special fees are required.

**HLP, Health, Leisure and Physical Education**

**HLP 1000C**  
**Introduction To Physical Education (3) (A.A.)**  
This course is an introductory study of the historical background of physical education, health and recreation, including aims and objectives. Concepts, trends and responsibilities as a member of the profession are given special attention. (Offered as needed)

**HLP 1081**  
**Concepts of Wellness (3) (A.A.)**  
An introductory course in personal wellness designed to help students understand their current health status and provide them with knowledge of a functional wellness program for their life.

**HLP 1949**  
**Co-op Work Experience I Health and Physical Education (1-3 variable) (A.A.)**  
Four, eight or 12 hours of volunteer or work experience per week are expected depending on the credit hour requirement. Prerequisite: Permission of instructor or program manager. This work-study course reinforces education and professional growth in a student's academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits. (Offered as needed)

**HLP 2949**  
**Internship in Interdisciplinary Health and Physical Education (1-3 variable) (A.A.)**  
Four, eight or 12 hours of volunteer work experience per week are expected depending on the credit hour requirements. Prerequisite: Permission of instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical projects. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits. (Offered as needed)

**HSA, Health Servies Administration**

**HSA 3111**  
**Health Care Delivery in The United States (3) (B.A.S.)**  
Prerequisite: Admission to the Health Services Administration B.A.S. Program or permission of the dean. This course explores the social, economic, political, technological and legal forces that influence the delivery of health care in the United States. The organization, financing and delivery of health care are examined, as are the legislative and policy processes related to health care.

**HSA 3113**  
**Contemporary Issues in Health Care (3) (B.A.S.)**  
Prerequisite: HSA 3111. This course is designed to introduce students to a range of issues related to health and health care in the United States. Course content gives students the opportunity to explore differing perspectives as they develop a deeper understanding of the issues and enhance their research and communication skills. The course enables students to analyze and evaluate evidence regarding controversial issues and allows them to develop and practice skills in formulating and writing well-informed, well-articulated arguments and reflections.

**HSA 3170**  
**Health Care Finance (3) (B.A.S.)**  
Prerequisite: HSA 3111. This course provides students with an overview of the principle financial mechanisms in the U.S. health care industry and the critical issues the industry currently faces. Additionally, it provides students with a foundation in using financial tools that enable them to better understand health care finances and analysis within the health care system.
HSA 3383
Quality Management in Health Care (3) (B.A.S.)
Prerequisite: HSA 3111. This course focuses on past and present interventions that affect supply and demand for health care at community, state, regional and national levels. Health planning and regulatory entities are presented. Strategic management and program planning in the context of current economic and market conditions are discussed and students formulate practical implications based on current literature.

HSA 3430
Health Care Economics (3) (B.A.S.)
Prerequisite: HSA 3111. This course examines both the macro- and microeconomic perspectives of health care. At the micro level, this course examines the production, marketing, distribution, pricing, and relative measures of quality of health care as it is delivered. Health care agencies and programs (Medicare, Medicaid, HMOs, PPOs, etc.), as well as topics such as the principle-agent problem, moral hazard and information problems on the demand side will be examined. On the supply side, issues such as managed care organizations, third-party payer systems, medical schooling, and malpractice insurance will be addressed. At the macro level, the course will examine the impact of health care practices on inflation, productivity, and the implications of an aging population on the national economy.

HSA 3502
Health Care Risk Management (3) (B.A.S.)
Prerequisite: HSA 3111. This course focuses on the theories, concepts and principles of health care risk management and development of an integration of concepts relevant to health care risk management. Current trends and issues in using, designing, and managing health care risk management systems will be examined. Students, applying evidence-based knowledge, will analyze the design and implementation of health care risk management systems.

HSA 4180
Health Care Management (3) (B.A.S.)
Prerequisite: HSA 3111. This course analyzes organizational patterns of various types of health care institutions. It introduces various administrative functions, including medical staff organization, departmental functions, policy formation, internal control systems, planning procedures, fiscal and personnel management, public relations and various information needs of administration.

HSA 4850
Health Care Capstone Course (3) (B.A.S.)
Prerequisites: HSA 3111, 3113, 3170, 3383, 3430, 4180, NUR 3870 and 4169. This capstone course, taken in the final semester of the program, is designed to provide students an opportunity to apply their knowledge of a chosen professional health care or human studies role through teaching, internship, observation or work experience. This course uses selected sites on and off campus to develop the expanding role of the provider in the health and human services system.

HSC, Health and Wellness

HSC 1100
Personal Health (3) (A.A.)
This course includes a study of personal health problems with emphasis on prevention and measures of immediate concern to adults.

HSC 1132
The Nuclear Family (3) (A.A.)
An introduction to the interdisciplinary study of marriage, sex and family as it relates to living in today’s society.

HSC 2200
Community Health Problems (3) (A.A.)
This course is a study of factors that affect health, prevention and control of disease through organized community effort and utilization of available resources.

HSC 2401
Emergency First Aid and CPR (3) (A.A.)
This course includes a thorough study of approved practices in first aid, medical self-help and CPR which are essential for survival in emergency and disaster situations. Additional special fee is required.

HSC 2531
Understanding Medical Language (2) (A.S.)
This course provides the learner with a working knowledge of medical terms relating to the human body in health and disease. Descriptive definitions and applications of practical significance are included with emphasis on the meaning of root words and combination forms. Additional special fees are required.

HUM, Humanities

HUM 2210
Intercultural Humanities I: Prehistory to Classical Civilization (3) (A.A.)
Prerequisite: ENC 1101 with a grade of “C” or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course presents an intercultural survey of the humanistic arts and letters from the perspective of various cultures that may include the West, the Middle East, Africa, the Americas and the Far East from pre-history through the classical civilizations which may include Greece, Rome, China, Persia and India.

HUM 2230
Intercultural Humanities II: Byzantium to Enlightenment (3) (A.A.)
Prerequisite: ENC 1101 with a grade of “C” or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course presents an intercultural survey of the humanistic arts and letters from the perspective of vari-
ous cultures that may include the West, the Middle East, Africa, the Americas and the Far East from Byzantium to the Enlightenment.

**HUM 2250**  
**Intercultural Humanities III: 18th Century to Present (3) (A.A.)**

Prerequisite: ENC 1101 with a grade of “C” or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course presents an intercultural survey of the humanistic arts and letters from the perspective of various cultures which may include the West, the Middle East, Africa, the Americas and the Far East from the 18th Century to the present.

**HUN, Human Nutrition**

**HUN 2201**  
**Fundamentals of Human Nutrition (3) (A.A.)**

This course presents the basic fundamentals of human nutrition by application of principles in chemistry, biochemistry and microbiology. Content includes carbohydrates, protein, fats, vitamins, minerals, water, nutrition throughout various stages of life, and the major links of nutrition to chronic diseases. Students will learn to calculate individual energy and nutrient needs. Current nutrition topics are discussed.

**IDS, Interdisciplinary Studies**

**IDS 2930**  
**Special Topics: Interdisciplinary Studies (1-3 variable) (A.A.)**

This interdisciplinary course is designed to meet the special needs of individuals or groups for whom regular, described courses may not be available.

**INP, Industrial and Applied Psychology**

**INP 1390**  
**Human Relations (3) (A.A.)**

This course meets Area III of the A.A.S./A.S. general education requirements in limited programs. This course deals with human relationships. It provides a practical foundation for personal productive functioning in the work environment. Fundamental principles of human relations are developed through investigation of individual behavior and the social forces acting on individuals and applying these principles to daily and working life. Offered as SOP 1602 prior to Fall 2009.

**INP 2101**  
**Applied Psychology (3) (A.A.)**

Prerequisites: PSY 2012 with a grade of “C” or better or permission of instructor. This course is designed to promote an understanding of the very wide applications of psychology to all areas of life including problems of motivation, adjustment, interpersonal relationships, the family, education and the world of work. Practicum experiences are required.

**INR, International Relations**

**INR 2002**  
**International Relations (3) (A.A.)**

Prerequisites: ENC 1101 and three hours from any of the following social sciences courses: AMH 1010/1020, CPO 2002, ECO 2013, EUH 1000/1001, GEA 2000 or POS 1041, with a “C” or better. This course meets Area III of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and meets part of the International/Intercultural requirement. This course is an introduction to international relations designed to present basic concepts of international political realities, nationalism, imperialism, state systems and contemporary ideological struggles.

**ISC, Interdisciplinary Science**

**ISC 1004C**  
**Interdisciplinary Science I (3) (A.A.)**

Four hours lecture/laboratory per week. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. There are no prerequisites but a basic science background is helpful. This course is the first of two interdisciplinary science courses designed to meet the Florida Department of Education (or Sunshine State) Science Standards for elementary education majors. ISC 1004C introduces the student to a variety of scientific fields to emphasize the common threads rather than the differences. Emphasis is focused on basic scientific reasoning, observation, measurement, literacy, and applications of the scientific method. Additional special fee is required.

**ISC 1005C**  
**Interdisciplinary Science II (3) (A.A.)**

This course meets the Sunshine State Science Standards, and Area V of the A.A./A.A.S./A.S. general education requirements. Interdisciplinary Science II is the second part of two foundation courses that each meet for four hours per week. The course includes a laboratory component that emphasizes basic scientific reasoning, observation, measurement, literacy and the application of the scientific method. ISC 1005C has been developed from the basic principles of physics, chemistry, earth science, ecology and biology and organized into a modular format. Additional special fees are required.

**ISC 1141C**  
**Earth and Space Science (3) (A.A.)**

Four hours lecture/laboratory per week. The course meets Area V of the A.A./A.A.S./A.S. general education requirements. An overview of the earth sciences for non-science majors, including topics from geology, oceanography, meteorology, paleontology and astronomy. No prior coursework in science is required. The course enables students to achieve a level of scientific literacy that will prepare them to become better-informed citi-
zens of a democracy and knowledgeable consumers. The emphasis is on basic scientific principles and environmental concerns. The laboratory exercises will acquaint the student with basic tools of science and reinforce lecture concepts. Additional special fees are required.

ISC 1143
Introduction to Environmental Science (3) (A.A.)
Three hours per week with no laboratory component. The course meets Area V of the A.A./A.A.S./A.S. general education requirements. There are no prerequisites but a basic science background is helpful. This course introduces the student to the Earth's living spaces or environments using principles from biology, ecology, economics, sociology and physical sciences. Examples from the United States are routinely used.

ISS, Interdisciplinary Social Science

ISS 1949
Work Experience I in Interdisciplinary Social Science (1-3 variable) (A.A.)
Four, eight or 12 hours of volunteer or work experience a week are expected depending on the credit hour requirements. Prerequisite: At least one social science course and permission of instructor or program manager. This work-study course reinforces education and professional growth in a student's academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

ISS 2949
Work Experience II in Interdisciplinary Social Science (1-3 variable) (A.A.)
Four, eight or 12 hours of volunteer or work experience a week are required depending on the credit hour requirements. Prerequisite: At least one social science course and permission of instructor or program manager. This work-study course is designed to continue training in a student's academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

JOU, Journalism

JOU 1100
Basic Reporting (3) (A.A.)
Prerequisite: ENC 1101. This course meets the Gordon Rule requirement. This is an introduction to fundamentals of print journalism. Issues in media law, including libel and privacy, as well as the ethics of journalism, will be explored. Students will learn the basics of reporting techniques, including interviewing skills, computer-assisted reporting, civic journalism and information gathering. Students should anticipate spending additional time outside the classroom covering events on campus and in the community to fulfill written assignments.

JOU 1103
Advanced Reporting and Editing (3) (A.A.)
Three hours per week. Prerequisite: JOU 1100. This course will focus on advanced reporting for the print media. Throughout the semester, students will employ sophisticated research methods, including public records searches, computer-assisted reporting and archival research. Additionally, students will develop and polish their reporting skills, while gaining a greater understanding of how news is constructed in relation to institutions and people in public life.

JOU 1303
Feature Article Writing (3) (A.A.)
Three hours per week. Prerequisite: JOU 1100 or MMC 2100. Concurrent okay. This course will provide students with an intense training in a specific area of journalism, feature article writing. This course will place emphasis on the generation of ideas, identification of multiple sources for interview, background research, investigative techniques, and the legal and ethical responsibilities of journalists. An introduction to award-winning copy written in narrative style will be provided.

JOU 1440L
College Magazine Production (1-3 variable) (A.A.)
Prerequisite: Successful completion of ENC 1101. This course provides the student an opportunity to contribute to the making of a humanities magazine that encourages and gives voice to the artistic expression of students at SCF. The students are involved in the layout and make-up of the magazine, including selecting literary and art works, editing and proofreading. Students who are degree seeking and making progress in their degree programs may repeat this course a maximum of three (3) times; however, no more than a total of three (3) credits may count toward elective credits for one’s degree.

JOU 1441L
College Magazine Production (1-3) (A.A.)
Prerequisite: Successful completion of JOU 1440L and ENC 1101. This course provides students an opportunity to take a leadership role in the making of the annual humanities magazine, which encourages and gives voice to the artistic expression of students at SCF. Students participate in the layout and make-up of the magazine including selecting literary and art works, editing and
proofreading and providing coordination with printing professionals. Students who are degree seeking and making progress in their degree programs may repeat this course a maximum of three (3) times; however, no more than a total of three (3) credits may count toward elective credits for one’s degree.

**JOU 2602**
Introduction to Photojournalism (3) (A.A.)

Three hours per week. Prerequisite: PGY 1801C. This course provides students with a comprehensive understanding of the ethical and practical demands of photojournalism. Students are responsible for producing a body of work suitable for publication and are required to complete a variety of assignments by attending various community events. Additional special fee is required.

**LEI, Leisure**

**LEI 1263**
Backpacking (2) (A.A.)

This course is a study of the efficiency of self-transportation and survival in undeveloped natural settings, and utilization and appreciation of our natural resources. Additional special fees are required.

**LIS, Library and Information Studies**

**LIS 2004**
Introduction to Internet Research (1) (A.A.)

This course is designed to develop the skills needed to use the Internet as a research tool. The course focuses on methods of accessing relevant information resources through the Internet. Students will learn to create search strategies and retrieve, evaluate and cite Internet resources. One hour weekly via the Internet.

**LIT, Literature**

**LIT 1949**
Co-op Work Experience in Literature (1-3 variable) (A.A.)

Twelve hours of volunteer or work experience per week are expected based on the credit hour requirements. Prerequisite: permission of instructor or program manager. This work-study course reinforces education and professional growth in a student’s academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager’s approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

**LIT 2012**
The Novel (3) (A.A.)

Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirement, the Gordon Rule requirement and part of the International/Intercultural requirement. The course examines the origin and development of literary conventions unique to the genre as developed by writers from a variety of cultural experiences.

**LIT 2020**
The Short Story (3) (A.A.)

Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. The course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. The course provides a study of the short-story genre that includes examination of representative works, both traditional and experimental, by writers from around the world.

**LIT 2030**
Introduction to Poetry (3) (A.A.)

Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, 6,000-word Gordon Rule requirement, and part of the International/Intercultural requirement. This course will introduce students to forms and techniques of poetry; major poets and movements from the Renaissance to the present; and written analysis, explication, interpretation and evaluation of poetry.

**LIT 2090**
Contemporary Literature (3) (A.A.)

Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. The course is a study of representative works by writers from diverse cultures during the contemporary period that extends from World War II through the Post-Modernists. Students read works by artists who have contributed to literary movements of global significance.

**LIT 2110**
World Literature I (3) (A.A.)

Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course includes an analytical reading of major literary works and an examination of the social and historical background and culture of each period covered. Selected masterpieces include works from the beginning of ancient civilizations through the Renaissance.
LIT 2120  
World Literature II (3) (A.A.)  
Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course includes an analytical reading of major literary works and an examination of the social and historical background and culture of each period covered. Selected masterpieces include works from the Restoration through the Contemporary period.

LIT 2310  
Horror, Fantasy and Science Fiction (3) (A.A.)  
Prerequisites: ENC 1101 and concurrent registration or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. Critical and historical analyses of these popular genres, with emphasis on major authors and subgenres, including their connection to cultural experiences and historical moments, coverage of texts includes early inceptions of Gothic writing and extends to contemporary authors.

LIT 2380  
Women in Literature (3) (A.A.)  
Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. This course meets Area IV of the A.A./A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course presents a critical, historical and thematic study of women writers from a variety of cultures and continents. Course content includes studies of literature and politics, genre, literary theory and aesthetics. Focus is on intercultural and international diversity.

LIT 2930  
Special Topics: Literature (1-3 variable) (A.A.)  
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

LIT 2949  
Internship in Literature (1-3 variable) (A.A.)  
Twelve hours of volunteer or work experience per week are expected based on the credit hour requirements. Prerequisite: Six hours of LIT credit and/or permission of instructor or program manager. This work-study course is designed to continue training in a student’s academic major through field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project. With program manager’s approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

MATHMATICS  
Student enrollment in any mathematics course is contingent upon approval by the mathematics department. This means that students who have been misplaced may be subject to schedule changes. Students must have successfully completed the stated prerequisite course with a grade of “C” or better.

MAC, Mathematics: Calculus and Precalculus  

<table>
<thead>
<tr>
<th>Students already with credit for:</th>
<th>Cannot subsequently get credit for:</th>
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<tbody>
<tr>
<td>MAC 1102</td>
<td>MAT 1033</td>
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<td>MAC 1105</td>
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<td>MAC 2311</td>
<td>MAC 2233</td>
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<td>MGF 2202</td>
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MAC 1105  
College Algebra (3) (A.A.)  
Prerequisite: MAT 1033 or appropriate score on a mathematics placement test. This course meets Area II for both the A.A. and the A.S. general education requirements. This is a rigorous introduction to the mathematical concepts necessary for successful study of MAC 1114, MAC 1140 or MAC 2233. This course is primarily a conceptual study of functions and graphs, their applications and of systems of equations and inequalities. Linear, quadratic, rational, absolute value, radical, exponential and logarithmic functions will be investigated. The use of a graphing calculator is integrated throughout the course. Students who already have credit for MAC 1105 cannot subsequently get credit for MAT 1033.

MAC 1114  
Trigonometry (3) (A.A.)  
Prerequisite: MAC 1105 or equivalent. This course meets Area II for both the A.A. and the A.S. general education requirements. Topics include the study of trigonometric functions and applications, analytic trigonometry, vectors, trigonometric form of complex numbers, parametric equations and polar coordinates and equations. This course is intended for students whose major requires the calculus sequence. Use of a graphing calculator is integrated throughout this course. Students who have credit for MAC 2147 or 2142 cannot subsequently get credit for MAC 1114, or vice versa.

MAC 1140  
Precalculus Algebra (3) (A.A.)  
Prerequisite: MAC 1105 or equivalent. This course meets Area II for both the A.A. and the A.S. general education requirements. Topics include the study of the following functions: polynomial, rational, radical, absolute value, exponential and logarithmic. An emphasis will be placed on solving applications by mathematical modeling. Other topics include matrices, systems of equations.
and inequalities and conic sections. This course is intended for students whose major requires the calculus sequence. Use of a graphing calculator is integrated throughout this course. Students already with credit for MAC 1140 cannot subsequently get credit for MAC 1105, 2147 or 2142, or vice versa.

MAC 2147
Precalculus Algebra/Trigonometry (4) (A.A.)
Prerequisite: A grade of "A" or "B" in MAC 1105 or equivalent. This course meets Area II for both A.A. and A.S. general education requirements. Topics include the study of the following functions: polynomial, rational, radical, absolute value, exponential and logarithmic. Other topics include matrices and systems of equations and inequalities, trigonometric functions and applications, analytic trigonometry, vectors, trigonometric form of complex numbers, parametric equations, polar coordinates and equations and conic sections. An emphasis will be placed on solving applications by mathematical modeling. This course is intended for students whose major requires the calculus sequence. Use of a graphing calculator is integrated throughout this course. Students who have credit for MAC 2147 cannot subsequently get credit for MAC 1140 or 1114, or vice versa.

MAC 2233
Applied Calculus (3) (A.A.)
Prerequisite: MAC 1105 or equivalent. This course meets Area II for both A.A. and A.S. general education requirements. Topics in this course include limits, differentiation and integration of algebraic, exponential and logarithmic functions, integration techniques and related applications in the management, business and social sciences. This course is not designed for science majors. Students already with credit for MAC 2311 cannot subsequently get credit for MAC 2233.

MAC 2311
Calculus with Analytic Geometry I (4) (A.A.)
Prerequisite: MAC 2147 or MAC 1140 and MAC 1114 or placement score and department approval. This course meets Area II for both the A.A. and A.S. general education requirements. This is the first of a three-course sequence consisting of MAC 2311, MAC 2312 and MAC 2313. This course includes the study of limits, differentiation and integration of algebraic, trigonometric and transcendental functions. Students already with credit for MAC 2311 cannot subsequently get credit for MAC 2233.

MAC 2312
Calculus with Analytic Geometry II (4) (A.A.)
Prerequisite: MAC 2311. This course meets Area II for both the A.A. and A.S. general education requirements. This course is a continuation of MAC 2311 and includes the study of area, volume and related application of integration, integration techniques, L'Hospital's rule, polar coordinates, improper integrals and infinite sequences and series.

MAC 2313
Calculus with Analytic Geometry III (4) (A.A.)
Prerequisite: MAC 2312. This course meets Area II for both the A.A. and A.S. general education requirements. This course is a continuation of MAC 2312 and includes the study of vectors in 2 and 3 space and differentiation and integration of functions of several variables.

MAD, Mathematics: Discrete
MAD 2104
Discrete Mathematics (3) (A.A.)
Three hours per week. Prerequisite: MAC 1105. This course meets Area II for both the A.A. and A.S. general education requirements. A proof-oriented approach to and applications of propositional logic, sets, functions, relations, combinatorics, graphs and trees.

MAN, Management
MAN 2021
Principles of Management and Organization (3) (A.A.)
The course presents an overview of managing a business, with emphasis on the principle functions of management. Tasks performed by all managers and other supervisory personnel are studied, along with case analysis and decision-making.

MAN 2241
Organizational Behavior (3) (A.A.S./A.S.)
This course provides an examination of leadership, communication and authority concepts in relation to the managerial functions of directing and controlling.

MAN 2300
Management and Personnel (3) (A.A.S./A.S.)
This course examines personnel management principles and techniques. Areas studied include recruitment, selection, reception, testing, classification, orientation counseling, rating, promotion, transferring, discharging and training of personnel in the business organization. Employee services, safety, morale, grievances, hospitalization, retirement and pension plan functions of the personnel office also are included.

MAN 2933
Management Seminar (A Class in Entrepreneurship) (3) (A.A.S./A.S.)
Three hours per week. Prerequisite: Permission of the instructor. This course should be taken toward the end of the program. The student will be expected to utilize the subject matter in the academic major course work in analyzing management problems. Cases, simulations and projects will be utilized extensively. The class deals with entrepreneurship and the development of a complete business plan that is utilized in starting a new business venture.
MAP, Mathematics Applied

MAP 2302
Differential Equations (3) (A.A.)
Prerequisite: MAC 2312. This course meets Area II for both the A.A. and A.S. general education requirements. Topics in this course include methods of solution or ordinary differential equations, linear equations and systems of linear equations, methods that may include operators, undetermined coefficients, variation of parameters, Laplace Transforms, series solutions and boundary value problems.

MAR, Marketing

MAR 2011
Principles of Marketing (3) (A.A.S./A.S.)
This course in marketing offers the business student an introduction to the basic problems and practices of marketing management, and gives the student an understanding and a feel for the marketing manager's job. The class introduces the student to the dynamic social and political environment encountered by the marketing manager; the role of marketing research, pricing and cost analysis; characteristics and buying habits of customers; and suggests methods to develop marketing mixes to reach specific identified target markets.

MAR 2141
International Marketing (3) (A.A.S./A.S.)
Three hours per week. Prerequisite: GEB 1011 or GEB 1350. This course examines basic marketing principles related to business in an international setting. Emphasis is placed on the role of the international marketing manager in the development of marketing strategies for a variety of markets in diverse cultural and economic situations. Topics covered include the decision-making process in the areas of foreign market analysis, target market identification, product planning, promotion and channels of distribution.

MAS, Mathematics: Algebraic Structures

MAS 2103
Linear Algebra (3) (A.A.)
Prerequisite: MAC 2311 or permission of instructor. This course meets Area II for both the A.A. and A.S. general education requirements. This course is designed for students who need a survey course in linear algebra. Fundamental concepts of linear algebra and matrix theory are introduced. Additional special fees are required. (Offered on an independent study basis.)

MAT, Mathematics

MAT 0012
Pre-algebra
College Preparatory (5) (C.P.)
Three hours lecture, two hours laboratory per week. Test scores and/or past performance indicate a need for training in the basic skills of arithmetic and algebra. Topics include operations with integers, fractions, decimals and percent, geometric figures and their measures, and pre-algebra topics including properties of rational numbers, operations of rational numbers, simplification of polynomials and equation solving techniques. Additional special fees are required. Fall 2011 only, becomes MAT 0018 effective Spring 2012.

MAT 0012L
Pre-algebra Laboratory
College Preparatory (0) (C.P.)
Companion laboratory to MAT 0012 Pre-algebra. College Preparatory credit is earned by MAT 0012 and this mandatory corequisite. Fall 2011 only, becomes MAT 0018L effective Spring 2012.

MAT 0018
Pre-algebra
College Preparatory (4) (C.P.)
Three hours lecture, two hours laboratory per week. This course is required for students whose test scores and/or past performance indicate a need for training in the basic skills of arithmetic and algebra. Topics include operations with integers, fractions, decimals and percent, geometric figures and their measures, and pre-algebra topics including properties of rational numbers, operations of rational numbers, simplification of polynomials and equation solving techniques. Additional special fees are required. (Formerly MAT 0012.)

MAT 0018L
Pre-algebra Laboratory
College Preparatory (0) (C.P.)
Companion laboratory to MAT 0018 Pre-algebra. College Preparatory credit is earned by MAT 0018 and this mandatory corequisite. (Formerly MAT 0012L.)

MAT 0024
Basic Algebra
College Preparatory (5) (C.P.)
Prerequisite: MAT 0002 or MAT 0012 or equivalent preparation in arithmetic content and skills as per placement testing. This course includes basic algebra concepts and skills that are needed for success in higher level courses. Topics include real numbers, polynomials, rational expressions, graphing, radicals, factoring and solving linear and quadratic equations and applications. Additional special fees are required. Fall 2011 only, becomes MAT 0028 effective Spring 2012.
MAT 0024L
Basic Algebra Laboratory
College Preparatory (0) (C.P.)
Companion laboratory to MAT 0024 Basic Algebra. College Preparatory credit is earned by MAT 0024 and this mandatory corequisite. Fall 2011 only, becomes MAT 0028L effective Spring 2012.

MAT 0028
Elementary Algebra
College Preparatory (4) (C.P.)
Prerequisite: MAT 0002, MAT 0012, MAT 0018 or equivalent preparation in arithmetic content and skills as per placement testing. This course includes basic algebra concepts and skills that are needed for success in higher level courses. Topics include real numbers, polynomials, rational expressions, graphing, radicals, factoring and solving linear and quadratic equations and applications. Additional special fees are required. (Formerly MAT 0024.)

MAT 0028L
Elementary Algebra Laboratory
College Preparatory (0) (C.P.)
Companion laboratory to MAT 0028 Basic Algebra. College Preparatory credit is earned by MAT 0028 and this mandatory corequisite. (Formerly MAT 0024L.)

MAT 1033
Intermediate Algebra (3) (A.A./A.S./A.A.S.)
Prerequisite: MAT 0024, MAT 0028 or equivalent. This course meets Area II of the A.A.S. general education requirements. This course includes the study of real numbers, linear and quadratic equations, linear inequalities, systems of linear equations, exponents, polynomials, factoring, rational expressions and related equations, radicals, quadratic formula, completing the square, complex numbers, absolute value, graphing and applications. Additional special fees are required. Students who have credit for MAC 1102 or 1105 cannot subsequently get credit for MAT 1033.

MAT 2930
Special Topics in Mathematics (1-4 variable) (A.A.)
This course is designed to meet the special needs of individuals or groups for which regular, described courses in mathematics may not be available. Additional special fees are required.

MCB, Microbiology

Students already with credit for:
MCB 2003C/2010C
Cannot subsequently get credit for:
BSC 1005C, BSC 1007C

MCB 2010C
Microbiology (4) (A.A.)
Three hours lecture and three hours laboratory per week. Prerequisite: BSC 2085C or BSC 1007C or equivalent with a grade of “C” or better. This course meets Area II of the A.A./A.S./A.S. general education requirements.

This course provides an introduction to the principles of microbiology, including microscopy, cultivation techniques, control of microbial growth, host resistance mechanisms and a survey of viral, bacterial, fungal, protozoal and animal pathogens and parasites. It is strongly recommended that students without recent coursework in chemistry take CHM 1025C or equivalent. Students with credit for MCB 2010C cannot subsequently get credit for BSC 1005C or BSC 1007C.

MCB 2010L
Microbiology Laboratory (0) (A.A.)
Companion laboratory to MCB 2010C. Additional special fees are required.

MET, Meteorology

MET 1010
Elementary Meteorology (3) (A.A.)
The course meets Area V of the A.A./A.A.S./A.S. general education requirements. This is a study of the atmosphere, its elements, movements, systems and the principles of weather. Familiarization with weather reporting and forecasting are included.

MGF, Mathematics, General and Finite

MGF 1106
Topics in Mathematics (3) (A.A.)
Prerequisite: MAT 1033 or equivalent. This course meets Area II for both the A.A. and A.S. general education requirements. Topics include set theory, logic, geometry, counting principles, probability and statistics. Students who have credit for MGF 2202 cannot subsequently get credit for MGF 1106. MGF 1106 does not serve as a prerequisite to MGF 1107, MAC 1105, STA 2023 or MTB 1321.

MGF 1107
Liberal Arts Mathematics (3) (A.A.)
Prerequisite: MAT 1033 or equivalent. This course meets Area II for both the A.A. and A.S. general education requirements. This course provides an opportunity for students to see mathematics used in ways not emphasized in traditional algebra courses. This course includes the study of voting strategies, graph theory, sequences and numerical patterns and financial mathematics. MGF 1107 does not serve as a prerequisite to MGF 1106, MAC 1105, STA 2023 or MTB 1321.

MGF 2118L
Mathematics CLAST Laboratory
College Preparatory (1) (C.P.)
Schedule format varies with CLAST date. This course will help the student prepare for the mathematics portion of the CLAST. Instructional aids are offered through the Mathematics Laboratory and cover the areas of arithmetic, algebra, logic, geometry, statistics and probability.
MKA, Marketing Applications

MKA 2021
Personal Selling (3) (A.A.S./A.S.)
This course focuses on the fundamentals underlying the modern idea of the role of personal selling in society. The requirements to prepare for a career in selling; an analysis of the selling process and its use through case study application; and attitudes and ethics of a salesperson. Sales management and operation are studied at the introductory level to round out the course.

MKA 2041
Retailing (3) (A.A.S./A.S.)
This course is a study of marketing and management concepts that relate directly to a retail organization. Included are analysis of buying, pricing, promotion and control of a retail firm. It also includes studying legal restraints and consumer motivation.

MKA 2511
Principles of Advertising (3) (A.A.S./A.S.)
This course is the study of the basic techniques of advertising, the planning and development of advertising programs and the role of advertising in relation to the marketing objectives in a business firm.

MMC, Mass Media Communication

MMC 1949
Career Decision Work Experience in Mass Communications (1-3 variable) (A.A.)
Four, eight or 12 hours of volunteer or work experience per week are expected depending on the credit hour requirements. Prerequisite: ENC 1101 and/or permission of instructor or program manager. This work-study course reinforces education and professional growth in a student's academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

MMC 2000
Mass Communications (3) (A.A.)
This course is an introduction to the history and current practices of the media mass communications, designed to prepare the student to make intelligent use of newspapers, magazines, radio, television and advertising and to evaluate their functions in our democratic society.

MMC 2100
Writing for Mass Communications (3) (A.A.)
Prerequisite: ENC 1101 with a grade of "C" or better. This course meets the Gordon Rule requirement. This course focuses on techniques used in writing for mass communications, particularly involving the print media. Students should anticipate spending additional time outside of the classroom covering events on campus and in the community to fulfill written assignments.

MMC 2700
Mass Media and Popular Culture (3) (A.A.)
Prerequisite: concurrent registration in or completion of ENC 1101 with a grade of "C" or better. The mass media play an increasingly important part in our lives today. They supply information and entertainment and communicate social attitudes both explicitly and implicitly. This course is a consideration of popular art forms (motion pictures, television, radio, print, music, advertising) as mirrors, transmitters and transformers of cultural values.

MMC 2949
Internship in Mass Communications (1-3 variable) (A.A.)
Four, eight or 12 hours of volunteer or work experience per week are expected depending on the credit hour requirements. Prerequisite: ENC 1101 and/or permission of instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

MNA, Management: Applied

MNA 1345
Management and Supervision (3) (A.A.S./A.S.)
This is a course in basic supervision for first-level managers. Emphasis on techniques to utilize in supervising employees is achieved through a study of the application of the supervisory functions of planning, organizing, leading and controlling.

MTB, Mathematics, Technical and Business

MTB 1321
Technical Mathematics (3) (A.A.S./A.S.)
Prerequisite: MAT 1033 or placement by state approved placement test. This course focuses on basic algebra and trigonometry, complex numbers and vectors applied toward the technologies. Additional special fees are required.
**MUSIC**

Only degree-seeking students are eligible to enroll in applied music classes. Students seeking A.A., A.A.S. or A.S. degrees qualify for eligibility. Nondegree-seeking students interested in applied instruction should contact the Center for Corporate and Community Development.

**MUC, Music: Composition**

**MUC 1211**  
**Applied Music Composition I (2) (A.A.)**

One hour per week. Prerequisite: MUT 1111 or equivalent. Students practice compositional skills with assignments to show precise musical notation skills and how to demonstrate an understanding of musical phrasing and form. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MUC 1211B**  
**Applied Music Composition IB (2) (A.A.)**

One hour per week. Prerequisite: MUT 1111 and MUC 1211 or equivalent. Students practice compositional skills with assignments to show precise musical notation skills and how to demonstrate an understanding of musical phrasing and form. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MUC 2221**  
**Applied Music Composition II (2) (A.A.)**

One hour per week. Prerequisite: MUT 1111. Students continue to write original music with more emphasis on contemporary technique while still mastering classical forms. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fee is required.

**MUC 2221B**  
**Applied Music Composition IIB (2) (A.A.)**

One hour per week. Prerequisite: MUT 1111 and MUC 2221 or equivalent. Students continue to write original music with more emphasis on contemporary technique while still mastering classical forms. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MUE, Music Education**

**MUE 2930**  
**Selected Topics in Music (1-5 variable) (A.A.)**

This course is designed to meet the special needs of individuals or groups for which regular, described courses in music may not be available.

**MUH, Music: History/Musicology**

**MUH 2018**  
**Jazz History and Literature (3) (A.A.)**

No prerequisite musical skills or knowledge required. An introduction to perceptive listening; consideration of significant master works from the field of jazz literature. Instruction will include fundamental music terminology and theoretical concepts pertinent to jazz and related styles. Studies include the evolution of style and the performers/composers who produced and developed these styles.

**MUH 2050**  
**Folk/Traditional Music of World Cultures (3) (A.A.)**

Prerequisite: ENC 1101 with a grade of “C” or better. Musical skills or knowledge are required. This course meets Area IV of the A.A./A.A.S/A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This is an introduction to the cultural setting of folk and art music among diverse peoples including cultures of the Western and non-Western world.

**MUH 2110**  
**Introduction to Music History and Literature (3) (A.A.)**

Three hours per week. Prerequisites: ENC 1101 and MUT 1111, with grade of "C" or better in each. This course meets Area IV of the A.A./A.A.S/A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course is a survey of music literature from the Middle Ages to the present. Emphasis is placed on musical forms and performing mediums for Western Heritage and their development through the ages.

**MUL, Music Literature**

**MUL 1019**  
**History of Rock and Popular Music (3) (A.A.)**

Three hours per week. No prerequisite musical skills or knowledge required. This course examines the development of popular and rock music in an analytical and historical manner. It covers the beginnings of rock and pop-
ular music in the 19th Century with the fusion of Western European and African cultures to the styles of the present.

MUL 2010
Music Appreciation (3) (A.A.)
No prerequisite musical skills or knowledge are required. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course is an aural/lecture survey of music, composition and technique from antiquity to the present, emphasizing the historical, political, cultural and scientific values that have shaped world music.

MUN, Music Ensembles

MUN 1120
Symphonic Wind Ensemble I (1) (A.A.)
Three hours per week. This course includes rehearsal and performance of literature composed and arranged for the wind ensemble. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1120B
Symphonic Wind Ensemble II (1) (A.A.)
Three hours per week. Prerequisite: MUN 1120 or equivalent. This course includes rehearsal and performance of literature composed and arranged for the wind ensemble. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1120D
Symphonic Wind Ensemble III (1) (A.A.)
Three hours per week. Prerequisite: MUN 1120B or equivalent. This course includes rehearsal and performance of literature composed and arranged for the wind ensemble. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1210
College Orchestra I (1) (A.A.)
Three hours per week. This course includes rehearsal and performance of literature composed for the symphonic orchestra. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1210B
College Orchestra II (1) (A.A.)
Three hours per week. Prerequisite: MUN 1210 or equivalent. This course includes rehearsal and performance of literature composed for the symphonic orchestra. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1210D
College Orchestra III (1) (A.A.)
Three hours per week. Prerequisite: MUN 1210B or equivalent. This course includes rehearsal and performance of literature composed for the symphonic orchestra. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1310
Concert Choir I (1) (A.A.)
Three hours per week. This course includes rehearsal and performance of literature composed for large vocal choirs. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1310B
Concert Choir II (1) (A.A.)
Three hours per week. Prerequisite: MUN 1310 or equivalent. This course includes rehearsal and performance of literature composed for large vocal choirs. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUN 1310D
Concert Choir III (1) (A.A.)
Three hours per week. Prerequisite: MUN 1310B or equivalent. This course includes rehearsal and performance of literature composed for large vocal choirs.
Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1340**
**Chamber Choir Ensembles I (1) (A.A.)**

Three hours per week. Prerequisite: Permission required. Students must have approval of the choir ensemble conductor. This course includes rehearsal and performance of literature composed for smaller ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1340B**
**Chamber Choir Ensembles II (1) (A.A.)**

Three hours per week. Prerequisite: Permit required, MUN 1340 or equivalent. Students must have approval of the choir ensemble conductor. This course includes rehearsal and performance of literature composed for smaller ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1340D**
**Chamber Choir Ensembles III (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1340B or equivalent. Students must have approval of the choir ensemble conductor. This course includes rehearsal and performance of literature composed for smaller ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1480**
**Guitar Ensemble I (1) (A.A.)**

Three hours per week. Prerequisite: Permission required. Student must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller guitar ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1480B**
**Guitar Ensemble II (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1480 or equivalent. Student must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller guitar ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1480D**
**Guitar Ensemble III (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1480B or equivalent. Student must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller guitar ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1640**
**Music Theatre Ensemble I (1) (A.A.)**

Three hours per week. Prerequisite: Permission required. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller music theatre ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1640B**
**Music Theatre Ensemble II (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1640 or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller music theatre ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1640D**
**Music Theatre Ensemble III (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1640B or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller music
theatre ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1652**
**Opera Theatre Ensemble I (1) (A.A.)**

Three hours per week. Prerequisite: Permission required. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller opera theatre ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1652B**
**Opera Theatre Ensemble II (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1652 or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller opera theatre ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1652D**
**Opera Theatre Ensemble III (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1652B or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller opera theatre ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1710**
**Jazz Ensemble I (1) (A.A.)**

Three hours per week. Prerequisite: Permission required. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed and arranged for stage band or commercial music ensembles. Jazz-styled music for small or large ensembles is included in the course repertoire. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1710B**
**Jazz Ensemble II (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1710 or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed and arranged for stage band or commercial music ensembles. Jazz-styled music for small or large ensembles is included in the course repertoire. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1710D**
**Jazz Ensemble III (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1710B or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed and arranged for stage band or commercial music ensembles. Jazz-styled music for small or large ensembles is included in the course repertoire. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1711**
**Jazz Combo I (1) (A.A.)**

Three hours per week. Prerequisite: Permission required. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller jazz ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

**MUN 1711B**
**Jazz Combo II (1) (A.A.)**

Three hours per week. Prerequisite: Permission required, MUN 1711 or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller jazz ensembles. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.
MUN 1711D
Jazz Combo III (1) (A.A.)
Three hours per week. Prerequisite: Permission required, MUN 1711B or equivalent. Students must have approval of the ensemble conductor. This course includes rehearsal and performance of literature composed for smaller jazz ensemble. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of six (6) combined credits from music ensembles may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for music ensemble courses.

MUS, Music

MUS 1010L
Student Recital Attendance (0) (A.A.)
Students are required to attend 15 recitals each term. This course is required of all music students with a pre-major of music.

MUT, Music Theory

MUT 1001
Fundamentals of Music (3) (A.A.)
This course is a presentation of the basic principles of musical notation, terminology, rhythm, tonality, ear training and sight-singing. Music pre-majors who do not qualify for MUT 1111 must complete this course prior to enrolling in MUT 1111.

MUT 1111
Music Theory I (3) (A.A.)
Three hours per week. Prerequisite: MUT 1001 with a grade of "B" or better or satisfactory completion of placement exam. This course is required all music pre-majors and must be taken concurrently with MUT 1241. This course includes the development of skills in perceiving and writing music through the use of aural and visual analysis and examples from all historical periods of music literature.

MUT 1112
Music Theory II (3) (A.A.)
Three hours per week. Prerequisite: MUT 1111 with a grade of "C" or better. This course is required of all music pre-majors and must be taken concurrently with MUT 1242. This course is a continuation of studies mastered in MUT 1111.

MUT 1241
Aural Theory I (1) (A.A.)
Three hours per week. This course is required of all music pre-majors and must be taken concurrently with MUT 1111. This course is designed to begin training in aural recognition and vocal realization of materials used in music composition. Classes include rhythmic, melodic and harmonic dictation and sight singing. A computer-assisted instructional (CAI) laboratory for individual aural skills drill and practice is provided.

MUT 1242
Aural Theory II (1) (A.A.)
Three hours per week. Prerequisite: MUT 1241 with a grade of "C" or better. This course is required of all music pre-majors and must be taken concurrently with MUT 1112. This course is a continuation of studies mastered in MUT 1241. A CAI laboratory for individual aural skills drill and practice is provided.

MUT 1641
Introduction to Jazz Improvisation (3) (A.A.)
This course is designed to prepare the student for successful study of college-level improvisation. Scale and arpeggio patterns are played by the class to improve instrumental technique. Basic elements of jazz theory are discussed and analyzed.

MUT 2116
Music Theory III (3) (A.A.)
Three hours per week. Prerequisite: MUT 1112 with a grade of "C" or better. This course is required of all music pre-majors and must be taken concurrently with MUT 2246. This course is a continuation of MUT 1112.

MUT 2117
Music Theory IV (3) (A.A.)
Three hours per week. Prerequisite: MUT 2116 with a grade of "C" or better. This course is required of all music pre-majors and must be taken concurrently with MUT 2247. This course is a continuation of MUT 2116.

MUT 2246
Aural Theory III (1) (A.A.)
Three hours per week. Prerequisite: MUT 1242 with a grade of "C" or better. This course is required of all music pre-majors and must be taken concurrently with MUT 2116. This course is designed to continue training in aural recognition and vocal realization of materials used in music composition. Classes include rhythmic, melodic and harmonic dictation and sight singing. A CAI laboratory for individual aural skills drill and practice is provided.

MUT 2247
Aural Theory IV (1) (A.A.)
Three hours per week. Prerequisite: MUT 2246 with a grade of "C" or better. This course is required of all music pre-majors and must be taken concurrently with MUT 2117. This course is a continuation of studies mastered in MUT 2246. A CAI laboratory for individual aural skills drill and practice is provided.

MVB, Applied Music: Brasses

MVB 1011A
Applied Preparatory Music I - Trumpet (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills
and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVB 1011B
Applied Preparatory Music II - Trumpet (2) (A.A.)
One hour per week. Prerequisite: MVB 1011A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVB 1012A
Applied Preparatory Music I - Horn (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVB 1012B
Applied Preparatory Music II – Horn (2) (A.A.)
One hour per week. Prerequisite: MVB 1012A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVB 1013A
Applied Preparatory Music I - Trombone (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary-level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVB 1013B
Applied Preparatory Music II – Trombone (2) (A.A.)
One hour per week. Prerequisite: MVB 1013B with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVB 1014A
Applied Preparatory Music I - Euphonium (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary-level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVB 1014B
Applied Preparatory Music II – Euphonium (2) (A.A.)
One hour per week. Prerequisite: MVB 1014A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVB 1015A
Applied Preparatory Music I - Tuba (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary-level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVB 1015B
Applied Preparatory Music II – Tuba (2) (A.A.)
One hour per week. Prerequisite: MVB 1015A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.
MVB 1311B
Applied Music – Trumpet IB (2) (A.A)
One hour per week. Prerequisite: MVB 1311 or equivalent. This course includes the development of trumpet intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVB 1312
Applied Music–Horn I (2) (A.A)
One hour per week. This course includes the development of horn intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVB 1312B
Applied Music–Horn IB (2) (A.A)
One hour per week. Prerequisite: MVB 1312 or equivalent. This course includes the development of horn intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVB 1313
Applied Music – Trombone I (2) (A.A)
One hour per week. This course includes the development of trombone intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVB 1313B
Applied Music – Trombone IB (2) (A.A)
One hour per week. Prerequisite: MVB 1313 or equivalent. This course includes the development of trombone intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVB 1314
Applied Music - Euphonium I (2) (A.A)
One hour per week. This course includes the development of euphonium intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVB 1314B
Applied Music - Euphonium IB (2) (A.A)
One hour per week. Prerequisite: MVB 1314 or equivalent. This course includes the development of euphonium intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appro-
appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MV 1315
Applied Music – Tuba I (2) (A.A)

One hour per week. This course includes the development of tuba intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MV 1315B
Applied Music – Tuba IB (2) (A.A)

One hour per week. Prerequisite: MV B 1315 or equivalent. This course includes the development of tuba intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MV 2321
Applied Music Trumpet II (2) (A.A)

One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the semester. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MV 2321B
Applied Music Trumpet IIB (2) (A.A)

One hour per week. Prerequisite: MV B 2321 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MV 2322
Applied Music Horn II (2) (A.A)

One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MV 2322B
Applied Music Horn IIB (2) (A.A)

One hour per week. Prerequisite: MV B 2322 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MV 2323
Applied Music Trombone II (2) (A.A)

One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development
through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVB 2323B**  
**Applied Music Trombone IIB (2) (A.A)**  
One hour per week. Prerequisite: MVB 2323 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVB 2324**  
**Applied Music Euphonium II (2) (A.A)**  
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVB 2324B**  
**Applied Music Euphonium IIB (2) (A.A)**  
One hour per week. Prerequisite: MVB 2324 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVB 2325**  
**Applied Music Tuba II (2) (A.A)**  
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVB 2325B**  
**Applied Music Tuba IIB (2) (A.A)**  
One hour per week. Prerequisite: MVB 2325 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVK, Applied Music: Keyboard**

**MVK 1011A**  
**Applied Preparatory Music I - Piano (2) (A.A.)**  
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

**MVK 1011B**  
**Applied Preparatory Music II - Piano (2) (A.A.)**  
One hour per week. Prerequisite: MVK 1011A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

**MVK 1013A**  
**Applied Preparatory Music I - Organ (2) (A.A.)**  
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills
and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

**MVK 1013B**
**Applied Preparatory Music II - Organ (2) (A.A.)**
One hour per week. Prerequisite: MVK 1013A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

**MVK 1111A**
**Class Piano I (1) (A.A.)**
Two hours per week. Class instruction is for students with little or no previous training in piano performance. It is designed to meet proficiency requirements for music pre-majors and as an introductory musicianship course for nonmusic pre-majors. Reading, scales, harmonization, transposition and improvisation are emphasized. This course is required for music students with a principal instrument other than piano.

**MVK 1111B**
**Class Piano II (1) (A.A.)**
Two hours per week. Prerequisite: MVK 1111A. Class instruction is for students with little previous training in piano performance. Reading, scales, arpeggios, harmonization, transposition and improvisation skills are developed. This course is required for music pre-majors with a principal instrument other than piano.

**MVK 1311**
**Applied Music Piano I (2) (A.A.)**
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVK 1313B**
**Applied Music Organ IB (2) (A.A.)**
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVK 2121A**
**Class Piano III (1) (A.A.)**
Two hours per week. Prerequisite: MVK 1111B. Class instruction is for music pre-majors with a principal instrument other than piano. Functional skills of reading, technique, harmonization, transposition and improvisation receive further development. Study of standard piano literature, intermediate level, also is included.
MVK 2121B
Class Piano IV (1) (A.A.)
Two hours per week. Prerequisite: MVK 2121A. Class instruction is for music pre-majors with a principal instrument other than piano. Functional skills receive further development as well as performance of intermediate piano literature. Reading of open score (vocal and instrumental) included.

MVK 2321
Applied Music Piano II (2) (A.A)
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVK 2321B
Applied Music Piano IIB (2) (A.A)
One hour per week. Prerequisite: MVK 2321 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVK 2323
Applied Music Organ II (2) (A.A)
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVK 2323B
Applied Music Organ IIB (2) (A.A)
One hour per week. Prerequisite: MVK 2323 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVP, Applied Music: Percussion

MVP 1011A
Applied Preparatory Music I - Percussion (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVP 1011B
Applied Preparatory Music II - Percussion (2) (A.A.)
One hour per week. Prerequisite: MVP 1011B with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVP 1311
Applied Music Percussion I (2) (A.A)
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Students learn the performance of rudimentary skills necessary to perform on any given percussion instrument and performance of a solo on each. This may include scales and rudiments for each of the applicable percussion instruments. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.
MVP 1311B
Applied Music Percussion IB (2) (A.A)
One hour per week. Prerequisite: MVP 1311 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Students learn the performance of rudimentary skills necessary to perform on any given percussion instrument and performance of a solo on each. This may include scales and rudiments for each of the applicable percussion instruments. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVP 2321
Applied Music Percussion II (2) (A.A)
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of technical exercises applicable to each of the percussion instruments. This may include rudiments, scales and arpeggios on specific instruments. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVP 2321B
Applied Music Percussion IIB (2) (A.A)
One hour per week. Prerequisite: MVP 2321 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of technical exercises applicable to each of the percussion instruments. This may include rudiments, scales and arpeggios on specific instruments. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS, Applied Music: Strings

MVS 1011A
Applied Preparatory Music I - Violin (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVS 1011B
Applied Preparatory Music II - Violin (2) (A.A.)
One hour per week. Prerequisite: MVS 1011A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVS 1012A
Applied Preparatory Music I - Viola (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVS 1012B
Applied Preparatory Music II - Viola (2) (A.A.)
One hour per week. Prerequisite: MVS 1012A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVS 1013A
Applied Preparatory Music I - Cello (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVS 1013B
Applied Preparatory Music II - Cello (2) (A.A.)
One hour per week. Prerequisite: MVS 1013A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.
performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVS 1014A
Applied Preparatory Music I - String Bass (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVS 1014B
Applied Preparatory Music II - String Bass (2) (A.A.)
One hour per week. Prerequisite: MVS 1014A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVS 1016A
Applied Preparatory Music I - Guitar (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVS 1016B
Applied Preparatory Music II - Guitar (2) (A.A.)
One hour per week. Prerequisite: MVS 1016A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVS 1116
Class Guitar (1) (A.A.)
One and one-half hours per week. No musical prerequisite is necessary for admission to this course. Class instruction is in beginning guitar techniques. Drills include basic musical idioms, finger technique and fold style accompanying.

MVS 1311
Applied Violin I (2) (A.A.)
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 1311B
Applied Violin IB (2) (A.A.)
One hour per week. Prerequisite: MVS 1311 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 1312
Applied Viola I (2) (A.A.)
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 1312B
Applied Viola IB (2) (A.A.)
One hour per week. Prerequisite: MVS 1312 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.
special fees are required.

MVS 1313
Applied Cello I (2) (A.A)
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferable credits for applied music courses. Additional special fees are required.

MVS 1313B
Applied Cello IB (2) (A.A)
One hour per week. Prerequisite: MVS 1313 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferable credits for applied music courses. Additional special fees are required.

MVS 1314
Applied String Bass I (2) (A.A)
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferable credits for applied music courses. Additional special fees are required.

MVS 1314B
Applied String Bass IB (2) (A.A)
One hour per week. Prerequisite: MVS 1314 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferable credits for applied music courses. Additional special fees are required.

MVS 1316
Applied Guitar I (2) (A.A)
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferable credits for applied music courses. Additional special fees are required.

MVS 1316B
Applied Guitar IB (2) (A.A)
One hour per week. Prerequisite: MVS 1316 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferable credits for applied music courses. Additional special fees are required.

MVS 2321
Applied Violin II (2) (A.A)
One hour per week. This course includes the continued development of reading, technique and repertoire to the
advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 2321B  
Applied Violin IIB (2) (A.A)  
One hour per week. Prerequisite: MVS 2321 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 2322  
Applied Viola II (2) (A.A)  
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 2322B  
Applied Viola IIB (2) (A.A)  
One hour per week. Prerequisite: MVS 2322 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 2323  
Applied Cello II (2) (A.A)  
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 2323B  
Applied Cello IIB (2) (A.A)  
One hour per week. Prerequisite: MVS 2323 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 2324  
Applied String Bass II (2) (A.A)  
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVS 2324B  
Applied String Bass IIB (2) (A.A)  
One hour per week. Prerequisite: MVS 2324 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.
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**MVS 2326**
**Applied Guitar II (2) (A.A.)**
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVS 2326B**
**Applied Guitar IIB (2) (A.A.)**
One hour per week. Prerequisite: MVS 2326 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVV, Applied Music: Voice**

**MVV 1011A**
**Applied Preparatory Music I - Voice (2) (A.A.)**
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

**MVV 1011B**
**Applied Preparatory Music II - Voice (2) (A.A.)**
One hour per week. Prerequisite: MVV 1011A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

**MVV 1111A**
**Class Voice I (1) (A.A.)**
One and one-half hours per week. This is class instruction for students who have had little or no previous training in vocal technique.

**MVV 1311**
**Applied Voice I (2) (A.A.)**
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVV 1311B**
**Applied Voice IB (2) (A.A.)**
One hour per week. Prerequisite: MVV 1311 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVV 2321**
**Applied Voice II (2) (A.A.)**
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

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2011 - 2012 | State College of Florida, Manatee-Sarasota
MVW 2321B  
Applied Voice IIB (2) (A.A.)
One hour per week. Prerequisite: MVW 2321 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW, Applied Music: Woodwinds

MVW 1011A  
Applied Preparatory Music I - Flute (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVW 1011B  
Applied Preparatory Music II - Flute (2) (A.A.)
One hour per week. Prerequisite: MVW 1011A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVW 1012A  
Applied Preparatory Music I - Oboe (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVW 1012B  
Applied Preparatory Music II - Oboe (2) (A.A.)
One hour per week. Prerequisite: MVW 1012A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVW 1013A  
Applied Preparatory Music I - Clarinet (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVW 1013B  
Applied Preparatory Music II - Clarinet (2) (A.A.)
One hour per week. Prerequisite: MVW 1013A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVW 1014A  
Applied Preparatory Music I - Bassoon (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVW 1014B  
Applied Preparatory Music II - Bassoon (2) (A.A.)
One hour per week. Prerequisite: MVW 1014A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.

MVW 1015A  
Applied Preparatory Music I - Saxophone (2) (A.A.)
One hour per week. One-on-one instruction designed to develop fundamentals of reading music, technical skills and performance of elementary level classical music. Includes study of scales, chords and arpeggios. Final examination consists of prepared program of technique and literature performed for the instructor. Additional special fees are required.

MVW 1015B  
Applied Preparatory Music II — Saxophone (2) (A.A.)
One hour per week. Prerequisite: MVW 1015A with a grade of “B” or higher or permission of instructor. One-on-one instruction designed to develop fundamentals of reading skills, technique and repertoire at the upper elementary/early intermediate level. Final examination is performed before a panel of applied music instructors when application for further study at the next higher level (Applied I) is made. Additional special fees are required.
MVW 1311  
**Applied Music Flute I (2) (A.A)**

One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1311B  
**Applied Music Flute IB (2) (A.A)**

One hour per week. Prerequisite: MVW 1311 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1312  
**Applied Music Oboe I (2) (A.A)**

One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1312B  
**Applied Music Oboe IB (2) (A.A)**

One hour per week. Prerequisite: MVW 1312 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1313  
**Applied Clarinet I (2) (A.A)**

One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1313B  
**Applied Clarinet IB (2) (A.A)**

One hour per week. Prerequisite: MVW 1313 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1314  
**Applied Bassoon I (2) (A.A)**

One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appro-
appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1314B
Applied Bassoon IB (2) (A.A)
One hour per week. Prerequisite: MVW 1314 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1315
Applied Saxophone I (2) (A.A)
One hour per week. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 1315B
Applied Saxophone IB (2) (A.A)
One hour per week. Prerequisite: MVW 1315 or equivalent. This course includes the development of intermediate level reading and technical skills and study of standard intermediate classical repertoire. Range, tone, articulation and speed are developed through study of scales, chords, arpeggios and other technical exercises. Memorization is required as appropriate. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 2321
Applied Flute II (2) (A.A)
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 2321B
Applied Flute IIB (2) (A.A)
One hour per week. Prerequisite: MVW 2321 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 2322
Applied Oboe II (2) (A.A)
One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

MVW 2322B
Applied Oboe IIB (2) (A.A)
One hour per week. Prerequisite: MVW 2322 or equivalent. This course includes the continued development of
reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVW 2323**
**Applied Clarinet II (2) (A.A)**

One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVW 2323B**
**Applied Clarinet IIB (2) (A.A)**

One hour per week. Prerequisite: MVW 2323 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVW 2324**
**Applied Bassoon II (2) (A.A)**

One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVW 2324B**
**Applied Bassoon IIB (2) (A.A)**

One hour per week. Prerequisite: MVW 2324 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVW 2325**
**Applied Saxophone II (2) (A.A)**

One hour per week. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**MVW 2325B**
**Applied Saxophone IIB (2) (A.A)**

One hour per week. Prerequisite: MVW 2325 or equivalent. This course includes the continued development of reading, technique and repertoire to the advanced level and continued study of scales, chords, arpeggios and other technical exercises. All students perform in one student recital and exhibit their development through jury examination at the end of the term. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum of two (2) times; however, no more than a total of eight (8) combined credits from applied music may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for applied music courses. Additional special fees are required.

**NSP, Nursing: Special**

**NSP 3295C**
**Perioperative Nursing (11) (B.S.N.)**

Prerequisite: proof of RN license, current CPR, by permission ONLY from the nursing department. A minimum of two years work experience as an RN is recommended. This course prepares the registered nurse enrolled in the RN to B.S.N. program for the role of the perioperative nurse in establishing and sustaining system
equilibrium during the perioperative period. This course teaches perioperative nurse practice in surgery and related departments. The course is a supervised clinical preceptorship of patient care during the preop, intraop, and postop care of the surgical patient. Additional special fees are required.

NSP 3276
Basic Arrhythmia Interpretation (1) (B.S.N.)
Prerequisite: By permission ONLY from the nursing department. The content of this course is to provide additional knowledge and skill in the care of a client requiring cardiac monitoring in an acute care setting. This course builds on knowledge students obtained previously in covering the cardiovascular body system. Basic arrhythmia interpretation and nursing implications associated with cardiac rhythm changes assist students with an additional assessment skill that further develops their critical thinking ability in the healthcare setting. Additional special fees are required.

NSP 4275C
Adult Critical Care-Nursing (8) (A.S.)
Pre-/Co-requisite: completion of Basic Arrhythmia Interpretation Course (NSP 3276), by permission ONLY from the nursing department. The content of this course is to provide advanced knowledge and skills in critical care nursing for registered nurses enrolled in the B.S.N. program and intending to work in or have interest in learning about critical care nursing. The course is an introduction to critical care nursing. Content areas are developed around the body systems: cardiovascular, pulmonary, neurological, gastrointestinal, renal, endocrine, hemato logical and multisystem. The course work includes classroom, eLearning and simulation. Additional special fees are required.

NUR, Nursing (for nursing majors only)

NUR 1013
Math for Nurses (2) (A.S.)
Two hours class per week. This course is designed to practice various math concepts that are related to a career in nursing. This course includes the study of Relative Value; using various operation on common and decimal fractions; solving equations to determine value of x, ratio and proportions; working with equivalents in decimals, fractions, ratios and percents; using the metric, apothecary and household systems of measures; reading medication labels; dosage calculations; calculating IV flow rates and critical care flow rates; rounding, converting Fahrenheit and Celsius temperatures; and calculating body mass index. Course admission is by nursing department permission only. (Elective)

NUR 1023
Nursing Process I (8) (A.S.)
Four hours per week of class, 10 hours per week clinical experience, two hours per week laboratory. Prerequisites/corequisites: admission to the ADN Program and concurrent registration in NUR 1023. This course involves introduction to the science of nurses-practicing with emphasis on the concepts of holism, clinical decision-making, diversity and professionalism as the novice nurse. Topics include roles and responsibilities of the novice nurse in prevention of illness, promotion of health and wellness, and restoration of health. Additional special fee is required.

NUR 1023L
Nursing Process I Laboratory (0) (A.S.)
Two hours per week on-campus advanced nursing skills laboratory and 10 hours weekly clinical experience. It is a mandatory laboratory that accompanies NUR 1023.

NUR 1141
Pharmacology I (2) (A.S.)
Two hours per week of lecture. Prerequisites/corequisites: admission to the ADN Program and concurrent enrollment in or successful completion of NUR 1023C. Included in the course is an introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects and nursing implications of selected drug classifications. Topics include roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. Additional special fee is required.

NUR 1142
Pharmacology II (1) (A.S.)
One hour per week lecture. Prerequisites/corequisites: successful completion of NUR 1141 (Pharmacology I) and NUR 1023C, and concurrent enrollment in or successful completion of NUR 1730C. Content includes the study of specific pharmacological agents with emphasis on the actions, interactions, adverse effects and nursing implications of each drug classification. Content related to drug dosage calculations used in critical-care and step-down units also will be reviewed during the course. Additional special fee is required.

NUR 1730
Nursing Process II (10) (A.S.)
Six hours per week of lecture, 10 hours per week of clinical experience, and two hours per week on-campus laboratory. Prerequisites/corequisites: successful completion of NUR 1023, NUR 1141, concurrent enrollment in or successful completion of NUR 1142, and concurrent enrollment in NUR 1730L. The content of this course focuses on human responses of individuals across the life span experiencing alterations in health related to medical-surgical, childbirth and child-rearing experiences. The course is divided into two major components: eight weeks of medical-surgical content and eight weeks of maternal-child content. Clinical learning experiences are provided in both acute health care and community settings. Additional special fee is required.

NUR 1730L
Nursing Process II Laboratory (0) (A.S.)
Two hours per week on-campus advanced nursing skills laboratory and 10 hours weekly clinical experience. It is a mandatory lab that accompanies NUR 1730.
NUR 2703C  
Nursing Transition (6) (A.S.)
Prerequisites/corequisites: NUR 2703L and either successful completion of NUR 1141 and NUR 1142 by challenge or independent study by the end of NUR 2703C. The content of this course is specifically designed for the licensed practical nurse (LPN) who wants to advance into the registered nurse (RN) role. It is designed to assess and validate the LPN’s knowledge and skills, and to supplement those content areas not included in the traditional LPN curriculum that are covered in NUR 1023C and NUR 1730C. Emphasis is placed on the transition from the LPN to the RN role. Upon successful completion of NUR 2703C, advanced placement credit will be awarded in lieu of NUR 1023C, NUR 1730C and NUR 1141. Additional special fee is required.

NUR 2703L  
Nursing Transition Laboratory (0) (A.S.)
This is a mandatory laboratory that accompanies NUR 2703C. (Summer A)

NUR 2731C  
Nursing Process III (10) (A.S.)
Six hours of class per week, 12 hours of clinical per week. Prerequisites: successful completion of NUR 1730C and NUR 1142, and concurrent enrollment in NUR 2731L. The content of this course focuses on human responses to complex alterations in health, which may require changes in lifestyle. Nursing interventions which assist in achieving and maintaining highest level of wellness are emphasized. Clinical learning experiences are provided in various health care settings. Additional special fee is required.

NUR 2731L  
Nursing Process III Laboratory (0) (A.S.)
This is a mandatory laboratory that accompanies NUR 2731C.

NUR 2732C  
Nursing Process IV (9) (A.S.)
Four hours per week of lecture, 12 hours of clinical per week. Prerequisites/ corequisites: successful completion of NUR 2731C and concurrent enrollment in or successful completion of NUR 2813, and concurrent enrollment in NUR 2732L. Focus is on human responses to acute, chronic or progressive alterations in health across the life span. Concepts of mental health nursing are incorporated. Assessment techniques and nursing interventions to assist individuals in achieving and maintaining their highest level of functioning are explored. Therapeutic communication techniques are emphasized. Clinical learning experiences are provided in various health care settings. Theoretical and clinical learning experiences related to the transition from student to graduate nurse are emphasized throughout the course. Additional special fee is required.

NUR 2732L  
Nursing Process IV Laboratory (0) (A.S.)
This is a mandatory laboratory that accompanies NUR 2732C.

NUR 2813  
Nursing Seminar (2) (A.S.)
Two hours per week in the classroom. Prerequisites/ corequisites: successful completion of or concurrent enrollment in NUR 2732C. The content of this course focuses on the nurse as a professional person. The content includes topics which impact the profession, such as: the health care delivery system; legal aspects of nursing practice; principles of patient care management; and the role of local and national organizations. The course involves discussion of current nursing issues and trends. Additional special fee is required.

NUR 2930  
Special Topics in Nursing (1-9) (A.A.S./A.S.)
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

NUR, Nursing (for B.S. in Nursing majors only)

NUR 3066C  
Health Assessment and Physical Appraisal (4) (B.S.N.)
Thirty hours of laboratory experience. Prerequisite: NUR 3805. This course focuses on the techniques of physical assessment and examination of infants, children and adults. It also focuses on client assessment, health risks and formation of nursing diagnoses and health teaching. Emphasis is on the process of client interaction and use of appraisal skills in the collection of bio-psychosocial data across the life span. Additional special fee is required.

NUR 3125  
Pathophysiology (3) (B.S.N.)
Prerequisite: NUR 3805. This course focuses on cellular alterations in organ systems as they relate to selected disease states that impact the health of people as holistic beings. Special emphasis is placed on critical thinking and clinical decision making related to these alterations in homeodynamic balance, their presentation and implications for nursing practice.

NUR 3145  
Pharmacology (3) (B.S.N.)
Prerequisite: NUR 3805. This course addresses major concerns in health care that include discussion of safe medication administration practices and medication reconciliation. Improvement in delivery processes to improve safety and quality of care thereby improving client outcomes will be emphasized. Basic and clinical concepts of pharmacology in nursing practice are discussed. The course examines pharmacotherapeutics, pharmacodynamics, pharmacokinetics, adverse reac-
tions and contraindications, and therapeutic indications and nursing implications related to the assessment and management of symptoms across the lifespan.

NUR 3289
Gerontology-Nursing (3) (B.S.N.)
This course examines the aging process and its impact on individuals, families and the community. End of life issues, such as care options and settings, and the impact of the elderly on society are explored. The focus is on the application of current gerontological theory to the care of diverse populations of aging clients.

NUR 3805
Dimensions of Professional Nursing Practice (3) (B.S.N.)
Prerequisite: Admission to the B.S.N. program. This course focuses on the transition of nursing students from an associate degree program to the role of the B.S.N. nursing graduate. Development of a variety of learning strategies and approaches to enhance academic success will be emphasized. The history and evolution of the nursing profession, ethical imperatives, and current trends and issues impacting professional practice in an evolving healthcare delivery environment are foundations for the development of the professional nurse. The role of the B.S.N. prepared graduate focuses on utilization of evidenced-based nursing practices and advanced leadership and management skills in a variety of settings within a global community.

NUR 3826
Ethics and Legal Issues in Healthcare (3) (B.S.N.)
Prerequisite: NUR 3805. This course is an assessment of ethical and legal issues confronting nurses and other health care providers in a variety of settings. The course focuses on identification and analysis of legal and ethical concepts and principles underlying the critical thinking process in nursing and health care.

NUR 3870
Informatics in Healthcare (3) (B.S.N.)
Prerequisite: NUR 3805. Examines philosophical perspectives, significant issues and applications of technology that are influential in the practice of contemporary nursing grounded in caring. The effects of emerging technologies on nursing practice are explored.

NUR 3895
Teaching and Learning for Health Care Professional (3) (B.S.N.)
This course focuses on methods for educating health care professionals and clients at the institutional, programmatic and individual level. Emphasis is placed on a working relationship with health care service organizations to develop educational programs related to health, wellness, disease, disease prevention and quality of life. The importance of effective and appropriate communication skills in the delivery and evaluation of educational components also is emphasized. Challenges and barriers to learning including the concept of cultural diversity will be included.

NUR 4169
Evidence Based Practice: Nursing Research (3) (B.S.N.)
Prerequisite: NUR 3805. This course teaches the importance of research in evidence based practice and provides the student with a structure to identify the research process. Emphasis is on identification of researchable nursing problems and evaluations of the quality of research that is applicable to nursing practice.

NUR 4636
Community/Public Health: Population Based Practice (3) (B.S.N.)
Prerequisite: NUR 3805. This course is an in-depth examination of the holistic nursing role in community health nursing, public health, epidemiology, culture, and promoting an environment essential to health promotion/disease prevention and teaching of groups in community settings.

NUR 4636L
Community/Public Health: Practicum (3) (B.S.N.)
Prerequisite: NUR 4636. Forty-five practicum hours. This course offers opportunities to practice the principles and theory of community health nursing in a variety of health care settings. Included are the identification of health care needs of the community as a client, and the nurse’s role as a facilitator, teacher, and evaluator in promoting and maintaining health and wellness among diverse populations across the lifespan. Additional special fee is required.

NUR 4827
Leadership and Management in Professional Nursing (3) (B.S.N.)
Prerequisite: NUR 3805 and permission of department chair. Principles of nursing leadership and management with an emphasis on decision making, priority setting, delegating and managing nursing care. Focus will be on preparation of the professional nurse to work collaboratively in the interdisciplinary health care environment.

NUR 4837
Health Care Policy and Economics (3) (B.S.N.)
This course teaches the present realities of the health care industry, the stages of public policy development, and how economics influences healthcare. Focus will be on paradigm shifts and trends impacting health care today. The application of policy development and introduction to political activism is included.

NUR 4925
Colloquiums/Symposiums/Workshops (1) (B.S.N.)
Prerequisite: NUR 3805. The focus of this course is designed to enhance specific professional skills gained during the program centering around a specific topic or event. Topics may vary. Topics are selected on the basis of what is currently relevant in the field of healthcare.
OCB, Biological Oceanography

OCB 1000
Introduction to Marine Biology (3) (A.A.)
Forty-five contact hours. This course meets area V of the A.A./A.A.S./A.S. general education requirements. This course is intended for non-science majors and is an introduction to the scientific study of marine organisms and their ecological environment. The general objective of this course is to give a detailed introduction to the study of marine organisms, their environment and their ecological interactions.

OCE, General Oceanography

OCE 1001
Introduction to Oceanography (3) (A.A.)
Three hours per week, with no laboratory component. The course meets Area V of the A.A./A.A.S./A.S. general education requirements. There are no prerequisites but a basic science background is helpful. This course introduces the student to the scientific study of the oceans by exploring basic principles from subdisciplines such as chemical, physical, geological and biological oceanography.

OST, Office Systems Technology

OST 1100
Elementary Keyboarding (3) (A.A.)
Three hours per week, plus laboratories as assigned by instructor. This course includes the techniques and basic skills in typewriting, mastery of keyboard and preparation of business letters, manuscripts and tabulated applications. Additional special fees are required.

OST 1110
Intermediate Keyboarding (3) (A.A.S./A.S.)
Three hours per week, plus laboratories as assigned by instructor. Prerequisite: OST 1100 or equivalent. This course continues the focus of the skills of typewriting, including the application to more advanced styles of correspondence, statistical typewriting and tabulations. Students use computer keyboarding software to increase productivity.

OST 2120
Advanced Keyboarding (3) (A.A.S./A.S.)
Three hours per week, plus laboratories necessary to complete assigned work. Prerequisite: OST 1110 or equivalent. This course stresses speed and accuracy skill-building on straight copy and production work. Emphasis is placed on application of skills to advanced office problems, including business letters, forms and reports.

OTH, Occupational Therapy Assistant

OTH 1001C
Introduction to Occupational Therapy (3) (A.A.S./A.S.)
Two hours lecture and three hours laboratory per week. Prerequisites: Admission to the Occupational Therapy Assistant Program, satisfactory completion of BSC 2085C, mathematics (from Area II, A.S.) and PSY 2012. This course introduces the student to the field of occupational therapy concentrating on the history, philosophy and underlying concepts of practice, theories and frames of reference utilized in occupational therapy. It provides a basic introduction to medical terminology, infection control techniques, body mechanics, vital signs, wheelchair safety and patient care skills related to communication, handling, positioning and mobility. Oral and written reporting skills are practiced in various class activities. The use of skilled observations of identified performance areas within the therapy environment are discussed in relation to the process of occupational therapy, along with ethical and professional responsibilities and the need for evidenced based practice. Additional special fees are required.

OTH 1001L
Introduction to Occupational Therapy Laboratory (0) (A.A.S./A.S.)
This is a mandatory laboratory that accompanies OTH 1001C.

OTH 1014C
Functional Anatomy and Kinesiology (5) (A.A.S./A.S.)
Four hours lecture and three hours laboratory per week. Prerequisite: Satisfactory completion of BSC 2085C, mathematics (from Area II, A.S.) and PSY 2012. This course is designed to explore the analysis of human movement and its impact on function through the integration of biomechanics, kinesiology and applied anatomy. Principles of exercise are introduced. Manual muscle testing and goniometric measurement are discussed and practiced. Principles are reinforced through a problem-solving approach to increase the understanding of movement of the body and the relationship to occupational therapy treatment. Additional special fees are required.

OTH 1014L
Functional Anatomy and Kinesiology Laboratory (0) (A.A.S./A.S.)
This is a mandatory laboratory that accompanies OTH 1014C.

OTH 1114C
Occupational Therapy Skills and Techniques I (3) (A.A.S./A.S.)
Two hours lecture, three hours laboratory per week. Prerequisites: Satisfactory completion of BSC 2086C, DEP 2004, OTH 1001C and OTH 1014C. Corequisite: OTH 1520C. This course focuses on developing skills in the analysis and instruction of occupational therapy
treatment techniques utilized in the treatment of dysfunction during the growth years. Lecture and laboratory activities focus on: activity analysis, facilitation/inhibition techniques, activities of daily living, gross and fine motor activities, behavioral control techniques, splinting, adaptive/assistive equipment and strengthening and range of motion techniques. Laboratory practice provides the opportunity to apply theoretical concepts to practice situations. Additional special fees are required.

**OTH 1114L**  
**Occupational Therapy Skills and Techniques I Laboratory (0) (A.A.S./A.S.)**

This is a mandatory laboratory that accompanies OTH 1114C.

**OTH 1410**  
**Introduction to Human Disease (3) (A.A.S./A.S.)**

Three hours per week. Prerequisites: Satisfactory completion of BSC 2086C, DEP 2004, OTH 1001C and OTH 1014C. This course is an introduction to basic pathophysiology including etiology, signs and symptoms and rehabilitative treatment principles of various medical, surgical, orthopedic and neurological conditions common to individuals across the lifespan. Emphasis will be placed on proper use of medical terminology associated with these conditions.

**OTH 1520C**  
**Occupational Therapy During Growth Years (5) (A.A.S./A.S.)**

Three hours lecture, six hours laboratory per week. Prerequisites: Satisfactory completion of BSC 2086C, DEP 2004, OTH 1001C and OTH 1014C. Corequisite: OTH 1114C. This course is designed to enable the student to investigate prevalent disabilities occurring during the growth years (approximately birth through 20) and to begin, plan and implement appropriate occupational therapy treatment for each type of disability. In addition, the student will study occupational therapy concepts and techniques to be able to effectively implement occupational therapy treatment techniques in a variety of pediatric settings. Additional special fees are required.

**OTH 1520L**  
**Occupational Therapy During Growth Years Laboratory (0) (A.A.S./A.S.)**

This is a mandatory laboratory that accompanies OTH 1520C.

**OTH 2261C**  
**Occupational Therapy Skills and Techniques II (3) (A.A.S./A.S.)**

Two hours lecture, three hours laboratory per week. Prerequisites: Satisfactory completion of OTH 1114C, OTH 1520C and OTH 1410. Corequisites: ENC 1102, the Humanities elective, OTH 2420C, OTH 2300C and OTH 2802L. The focus of this course is on analysis and instruction of occupational therapy treatment techniques utilized in the treatment of physical and psychosocial dysfunction during the adult years. Laboratory activities provide the opportunity to apply theoretical concepts to practice situations. Additional special fees are required.

**OTH 2261L**  
**Occupational Therapy Skills and Tech II Laboratory (0) (A.A.S./A.S.)**

This is a mandatory laboratory that accompanies OTH 2261C.

**OTH 2300C**  
**Occupational Therapy in Mental Health (3) (A.A.S./A.S.)**

Two hours lecture and three hours laboratory per week. Prerequisites: Satisfactory completion of OTH 1114C, OTH 1520C, OTH 1410, ENC 1102 and the Humanities elective. Corequisites: OTH 2261L, OTH 2420C and OTH 2802L. This course is designed to enable the student to become knowledgeable of the basic concepts of mental health and mental illness and the related role of occupational therapy process in psychosocial practice. Focus will be on evaluations, treatment planning, occupational therapy practice models, the role of the COTA in various mental health settings and the therapeutic use of self. The student will be introduced to appropriate methods of responding to symptoms and behaviors, safety techniques, DSM III-R and documentation. Laboratory activities promote the use of case-based learning to focus on skills needed in the mental health setting, treatment planning and implementation as well as the importance of evidenced-based practice in the mental health setting. Additional special fees are required.

**OTH 2300L**  
**Occupational Therapy Mental Health Laboratory (0) (A.A.S./A.S.)**

This is a mandatory laboratory that accompanies OTH 2300C.

**OTH 2420C**  
**Occupational Therapy for the Physically Disabled (3) (A.A.S./A.S.)**

Two hours lecture and three hours laboratory per week. Prerequisites: Satisfactory completion of OTH 1114C, OTH 1520C, OTH 1410, ENC 1102, and the Humanities elective. Corequisites: OTH 2261C, OTH 2300C and OTH 2802L. This course is designed to enable the student to understand common physical disabilities in the adult population. It will provide the student with an understanding of evaluations, treatment planning, intervention strategies and documentation used in physical disabilities with the adult populations. Additional special fees are required.

**OTH 2420L**  
**Occupational Therapy for Physically Disabled Laboratory (0) (A.A.S./A.S.)**

This is a mandatory laboratory that accompanies OTH 2420C.
Program. This course must be completed within 18 months following completion of academic preparation. Additional special fees are required.

OTH 2840L
Supervised Clinical Practice I (5) (A.A.S./A.S.)

Forty days per term—four and a half days per week for eight weeks. Prerequisites: Satisfactory completion of OTH 2261C, OTH 2420C, OTH 2300C and OTH 2802L. Corequisite: OTH 2933C. Supervised Clinical Practice I is a full-time, supervised fieldwork experience designed to bridge the student from classroom to clinic in preparation for entry level practice as an occupational therapy assistant. The student will participate in a clinical experience in one practice area of occupational therapy (physical disabilities, psychosocial dysfunction or pediatrics) and assume responsibility for the delivery of services to clients in an occupational therapy program. This course must be completed within 18 months following completion of academic preparation. Additional special fees are required.

OTH 2841L
Supervised Clinical Practice II (5) (A.A.S./A.S.)

Forty days per term. Prerequisite: Satisfactory completion of OTH 2840L. Corequisite: OTH 2933C. Supervised Clinical Practice II is a full-time, supervised fieldwork experience designed to bridge the student from classroom to clinic in preparation for entry level practice as an occupational therapy assistant. The student will participate in a clinical experience in one practice area of occupational therapy (physical disabilities, psychosocial dysfunction or pediatrics) that is different from Clinical Practice I and assume responsibility for the delivery of services to clients in an occupational therapy program. This course must be completed within 18 months following completion of academic preparation.

OTH 2933C
Seminar for Clinical Practice (2) (A.A.S./A.S.)

One hour class, three hours laboratory. Prerequisites: OTH 2261C, OTH 2420C, OTH 2300C and OTH 2802L. Corequisites: OTH 2840L and OTH 2841L. This course presents issues related to the transition from student to practitioner including basic principles of organization, administration and supervision, the role of the OTA in relation to other health-care professionals, ethics, medical errors, job search skills, licensing requirements and preparation for the national certification exam. The clinical seminar hour is designed to enhance the development of clinical skills through an open discussion of experiences in the clinical setting.

OTH 2933L
Seminar for Clinical Practice Laboratory (0) (A.A.S./A.S.)

This is a mandatory laboratory that accompanies OTH 2933C.

PAD, Public Administration

PAD 3311
Program Planning and Evaluation (3) (B.A.S.)

This course examines training and education in a changing workplace and workforce from a systematic perspective. Students learn how to improve individual, team, and organizational effectiveness by understanding how to design successful training interventions and learning experiences that can impart knowledge, skills and attitudes to learners in the workplace.

PAD 3820
Foundations of Public Safety Administration (3) (B.A.S.)

This course must be taken in the students’ first semester in the Public Safety Administration B.A.S. Program. This course is an overview of the primary aspects of public safety administration. Major administrative, managerial and leadership components of public safety organizations are examined. Also addressed are administrative concerns for special issues and challenges, such as coordinated public safety approaches, post-9/11 administrative worldviews, ethical foundations, critical thinking and analysis, and innovative solutions for pragmatic public safety problems. The course also provides the student with a framework for individual progress. This includes an initial supervisor/leadership/management skills assessment; the beginning development of an individualized development plan toward educational and career goals, with a personal portfolio; and preliminary planning to link continuous learning with the capstone course at the end of the program.

PAD 3821
Contemporary Issues in Public Safety/Homeland Security (3) (B.A.S.)

This course focuses on current issues and trends in the field of public safety administration and homeland security. The course is structured to introduce management and administrative topics in public safety, examine the implications to the field, and formulate recommendations. This course begins developing skills in project design and presentation, and the enhancement of critical thinking skills.
PAD 3874  
**Community Relations Theory and Practice (3) (B.A.S.)**

This course exposes the student to community relations theory and practice within a broad range of public safety organizations. Students understand why positive community perception of public safety is critical to funding and operational effectiveness. Students gain the insight and skills necessary to be effective in the community relations function of public safety administration.

PAD 4204  
**Public Finance (3) (B.A.S.)**

This course is designed to provide an introduction to fiscal management in the public sector. It prepares individuals to serve in the executive arm of local, state and federal government. It includes a study of the roles, development and principles of public administration, as well as the ethical issues, research and decision-making framework required of a financial manager who is charged with maximizing shareholders’ wealth.

PAD 4393  
**Critical Incident Management (3) (B.A.S.)**

The course examines emergency management and disaster planning on events most likely to affect Florida including review of the four phases of planning, mitigation, response and preparedness. It includes FEMA and Federal Government NIMS IS-700, ICS-100 and ICS-200 certifications.

PAD 4414  
**Teaching Human Resource Management Skills (3) (B.A.S.)**

This course examines the challenges faced by human resource managers in the public sector. Topics include recruiting, hiring, legal and compliance issues, training and development, performance, compensation and benefits as they relate to the public sector.

PAD 4603  
**Administrative Law (3) (B.A.S.)**

This course covers the law from the perspective of the administrator including constitutions, statutes, executive orders and procedures that control administrative authorities in United States government.

PAD 4878  
**Public Safety Administration/Homeland Security Capstone (3) (B.A.S.)**

Prerequisites: PAD 3821, PAD 4393, CJE 3361 and FES 4014. This course affords the student an opportunity to observe and use analytical knowledge and research skills to define and confront a problem encountered by today’s public safety administrators and homeland security supervisory personnel. This course fosters implementation strategies concluding in a process of promoting efficient and effective management in a public safety agency or the student’s chosen field of study. This course examines the outcome of each student’s individualized leadership plan toward educational and career goals with a personal portfolio developed in the Foundations of Public Safety Administration/Homeland Security course to ensure attainment of program goals.

**PEL, Physical Education Activity – Objective Centered**

PEL 1341  
**Tennis (2) (A.A.)**

Basic knowledge, skills development in the activity of tennis will be presented. (Offered as needed)

PEL 1621  
**Basketball Fundamentals (2) (A.A.)**

This course is an introduction to the history, rules and basic fundamentals of basketball. There is an emphasis on skill, strategies, drills and the development of the philosophy of basketball. (Offered as needed)

PEL 2111  
**League Bowling (2) (A.A.)**

Students will acquire the basic knowledge, skills, strategy and values of the sport of league bowling. Fundamental skills taught include grips, proper stance, approach, release and delivery. Additional special fees are required. See course comments in the schedule. (Offered as needed)

**PEL 2121**  
**Golf (2) (A.A.)**

Basic knowledge, skill development in the activity of golf will be presented. (Offered as needed)

**PEM, Physical Education Activity, Performance Centered**

PEM 1130  
**Basic Conditioning and Weight Training (2) (A.A.)**

Basic knowledge, skills and values of basic conditioning, weight training and personal fitness will be presented. Additional special fees are required. See course comments in the schedule.

PEM 1171  
**Aerobic Fitness (2) (A.A.)**

This activity is designed to strengthen the heart, lungs and vascular system through exercise. (Offered as needed)

PEM 2104  
**Principles of Athletic Training (3) (A.A.)**

This course will provide the student with an introduction to athletic training which will include history, injury prevention, establishing a program for managing specific injuries and rehabilitation. An emphasis is on protective and preventive taping and injury recognition also will be provided. (Offered as needed)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEM 2930</td>
<td>Special Topics: Physical Education</td>
<td>(1-4)</td>
<td>Special, current or seasonal physical activities not covered in other physical education courses are offered. (Offered as needed)</td>
</tr>
<tr>
<td>PEN 2251</td>
<td>Canoeing</td>
<td>(2)</td>
<td>Personal development through canoeing activities is realized. Additional special fees are required.</td>
</tr>
<tr>
<td>PEN 2930</td>
<td>Special Topics: Physical Education Activity: Water, Snow</td>
<td>(1-3)</td>
<td>This course is designed to meet the special needs of individuals or groups for whom regular, described courses may not be available.</td>
</tr>
<tr>
<td>PEO 1216</td>
<td>Baseball and Softball Fundamentals</td>
<td>(2)</td>
<td>The fundamentals of offensive and defensive baseball and softball skills and strategies will be emphasized. (Offered as needed)</td>
</tr>
<tr>
<td>PEO 2003</td>
<td>Sports Officiating</td>
<td>(3)</td>
<td>A thorough study of the rule books of different sports and techniques of officiating at various sports is provided. Several hours of practical field work in intramural programs or approved situations are required. (Offered as needed)</td>
</tr>
<tr>
<td>PGY 1800C</td>
<td>Digital Imaging I</td>
<td>(3)</td>
<td>Three hours studio/lecture per week. This course introduces the student to electronic photographic image making through the use of computers and digital technology. Furthermore, this class will introduce the student to digital cameras, digital photographic systems and aesthetics for better composition with a concentration on creative expression. Additional special fees are required.</td>
</tr>
<tr>
<td>PGY 2000</td>
<td>History of Photography</td>
<td>(3)</td>
<td>Three hours of lecture per week. Prerequisite: ENC 1101 with a grade of “C” or better. This course meets the Gordon Rule requirement. This course provides an overview of the history of photography. The course will cover the time period between the inception of photography in 1826 to contemporary photographers such as Hiroshi Sugimoto and Lauren Greenfield. Students will learn through various slide presentations, lectures and assigned readings about the social, scientific and political atmosphere surrounding the photographers and how it shaped their work.</td>
</tr>
<tr>
<td>PGY 2101C</td>
<td>Visual Literacy: Photography</td>
<td>(3)</td>
<td>Three hours lecture/studio per week. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and the Gordon Rule requirement. Prerequisite: ENC 1101 with a grade of “C” or better. This course provides an introduction to practices, theories and histories of photography. Students acquire basic darkroom skills and key elements of contemporary theoretical approaches to visual art.</td>
</tr>
<tr>
<td>PGY 2401C</td>
<td>Photography I</td>
<td>(3)</td>
<td>Three hours studio/lecture per week. Basic problems in exposure, composition, lighting, developing and printing are assigned to help the student master black-and-white still photography. Additional special fees are required.</td>
</tr>
<tr>
<td>PGY 2404C</td>
<td>Photography II</td>
<td>(3)</td>
<td>Three hours studio/lecture per week. Prerequisite: PGY 2401C or permission of the instructor. The second term of photography provides an opportunity for the student to continue work in advanced techniques of camera and darkroom in black-and-white and some exploration of color camera work. Additional special fees are required. Offered as PGY 2401C prior to Fall 2011.</td>
</tr>
<tr>
<td>PGY 2405C</td>
<td>Advanced Imaging</td>
<td>(3)</td>
<td>Three hours studio/lecture per week. Prerequisites are a combination of the following three courses: PGY 1800C, PGY 2801C or PGY 2401C and PGY 2404C with a grade of “C” or better, or permission of instructor. The student is provided with the opportunity for continuing creative expression through individually assigned problems in black-and-white, color, non-silver printing and digital imaging techniques. Additional special fees are required. Offered as PGY 2420C prior to Fall 2011.</td>
</tr>
<tr>
<td>PGY 2801C</td>
<td>Digital Imaging II</td>
<td>(3)</td>
<td>Three hours studio/lecture per week. Prerequisite: PGY 1800C with a grade of “C” or better, or permission of instructor. Digital photography will combine the basic conventional photographic skills with the new technologies taking place with contemporary electronic image recording, editing and printing. Problems in exposure, composition, lighting styles, product reproduction, field building, image-editing software and proper handling of digital and conventional equipment will give the student a thorough understanding for completion of a professional portfolio resulting in an advertising- and media-related field of images. Additional special fees are required.</td>
</tr>
</tbody>
</table>
PGY 2930
Special Topics in Photography (1-3 variable) (A.A.)
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

PHI, Philosophy

PHI 2001
Introduction to Philosophy I (3) (A.A.)
This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course is a historical overview of world philosophy beginning with the Ancient World and ending with the Renaissance.

PHI 2002
Introduction to Philosophy II (3) (A.A.)
This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course is a historical overview of world philosophy beginning with the Renaissance and extending through the contemporary period.

PHI 2070
Introduction to Eastern Philosophy (3) (A.A.)
Three hours lecture per week. Prerequisite: ENC 1101 with a grade of “C” or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, Humanities Area IV C requirement for A.A., the Gordon Rule requirement and part of the International/Intercultural requirement. This course surveys the philosophical developments and thoughts of Asia including Hindu/ Indian philosophy, Buddhist philosophy, Confucian philosophy and Taoist philosophy. An emphasis is placed on understanding the interaction among these philosophies. Comparison to the Western philosophical ideas are made whenever possible.

PHI 2100
Logic and Critical Thinking (3) (A.A.)
This is an integrated consideration of linguistic analysis, fallacy, symbolic logic, inductive logic and questions of causality and probability. The aim of the course is to develop ability in problem solving and decision making.

PHI 2600
Applied Ethics (3) (A.A.)
This course meets Area IV of the A.A./A.A.S./A.S. general education requirements. This is a course designed to provide an introductory background to ethics and an in-depth study of the critical skills necessary to an intelligent analysis of contemporary issues. Emphasis will be placed on the systematic generation of options in order to determine choices for resolving dilemmas.

PHT, Physical Therapist Assistant

PHT 1007C
Introduction to Physical Therapy and Patient Care (5) (A.A.S./A.S.)
Three hours class, six hours laboratory per week. Prerequisites: Admission to the Physical Therapist Assistant Program, BSC 2085C, mathematics (from Area II, A.S.), ENC 1101, and PSY 2012 with a grade of “C” or better. Corequisites: PHT 1124 and completion of or concurrent enrollment in BSC 2086. This course introduces the student to the history and philosophy of physical therapy and the role of the physical therapist assistant. Beginning patient care procedures are discussed. Students will practice professional interpersonal communication and clinical documentation skills. Basic therapeutic modalities, including the use of the tilt table, hydrotherapy and therapeutic massage are introduced. Additional special fees are required.

PHT 1007L
Introduction to Physical Therapy Patient Care Laboratory (0) (A.A.S./A.S.)
This is a mandatory laboratory that accompanies PHT 1007C.

PHT 1124C
Applied Anatomy and Kinesiology (6) (A.A.S./A.S.)
Four hours class, six hours laboratory per week. Corequisite: PHT 1007C. This is a course designed to assist the student in applying principles from the biological sciences to the biomechanical principles of human movement. Principles of exercise are introduced and manual muscle testing, goniometric measurement, gait assessment and training are discussed and practiced. Additional special fees are required.

PHT 1124L
Applied Anatomy and Kinesiology Laboratory (0) (A.A.S./A.S.)
This is a mandatory laboratory that accompanies PHT 1124C.

PHT 1211C
Disabilities and Physical Therapy Procedures I (6) (A.A.S./A.S.)
Six hours class, nine hours laboratory per week for 11 weeks. Prerequisites: PHT 1007C, PHT 1124C and BSC 2086C with a grade of “C” or better. Corequisites: PHT 1800L and PHT 2337. The didactic portion of this course emphasizes rehabilitation of orthopedic diagnoses, disabilities and surgeries. Specific principles which guide the use of therapeutic modalities, such as heat, cold, sound, therapeutic electrical stimulation and traction are discussed and practiced in the laboratory. Students will study various types and models of equipment and the rationale for their use. Additional special fees are required.
PHT 1211L
Disabilities and Physical Therapy Procedures I Laboratory (0) (A.A.S./A.S.)
This is a mandatory laboratory that accompanies PHT 1211C.

PHT 1800L
Clinical Experience I (4) (A.A.S./A.S.)
Forty hours of clinical experience per week for four weeks. Corequisites: PHT 1211C and PHT 2337C. This course introduces the student to beginning professional practice in the clinical setting. Application of skills in selected situations is the emphasis of this course. Additional special fees are required.

PHT 2321C
Disabilities and Physical Therapy Procedures III (5) (A.A.S./A.S.)
Six hours class, eight hours of laboratory per week for 10 weeks. Prerequisites: PHT 1211C, PHT 1800L and PHT 2337C with a grade of “C” or better. Corequisite: PHT 2810L. In this course, students study adult and pediatric neurological development, disease, disabilities and interventions. Application of rehabilitation techniques and assessment related to neurological conditions is the emphasis of this course. Additional special fees are required.

PHT 2321L
Disabilities and Physical Therapy Procedures III Laboratory (0) (A.A.S./A.S.)
This is a mandatory laboratory that accompanies PHT 2321C.

PHT 2337C
Disabilities and Physical Therapy Procedures II (5) (A.A.S./A.S.)
Six hours class, five hours laboratory per week for 11 weeks. Corequisites: PHT 1211C and PHY 1800L. This course focuses on rehabilitation of cardiovascular disease diagnoses, disabilities and related surgical procedures. Principles of chest physical therapy and general conditioning are introduced as well as the treatment and training of individuals with amputations. Laboratory activities also include burn and wound care and the related use of therapeutic electrical stimulation. Additional special fees are required.

PHT 2337L
Disabilities and Physical Therapy Procedures II Laboratory (0) (A.A.S./A.S.)
This is a mandatory laboratory that accompanies PHT 2337C.

PHT 2810L
Clinical Experience II (6) (A.A.S./A.S.)
Thirty-two to 40 hours of clinical experience per week with four hours of class on alternate weeks for six weeks. Corequisite: PHT 2321C. This clinical practical encourages the student to further develop patient assessment and treatment skills. The student applies knowledge from classroom and laboratory activities to clinical practice. Case study presentations and discussions enhance the application process. Additional special fees are required.

PHT 2820L
Clinical Experience III (8) (A.A.S./A.S.)
Thirty-two to 40 hours of clinical experience per week with four hours of class on alternate weeks for seven weeks. Corequisite: PHT 2931. The final clinical affiliation is a comprehensive experience which prepares the student to function as a competent physical therapist assistant. The focus is on patient care, time management and the application of knowledge. Professional presentation skills are practiced. Additional special fees are required.

PHT 2930
Special Topics, Physical Therapy (1-3 variable) (A.A.S./A.S.)
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

PHT 2931
Trends in Physical Therapy (3) (A.A.S./A.S.)
Three hours per week. Prerequisite: PHT 2321C with a grade of “C” or better. Corequisite: PHT 2820L. This course includes a discussion of job-search and time-management skills, legal and ethical issues, licensing and continuing education requirements and concepts of professionalism. Current issues and trends in the health care delivery system, such as managed care, are explored. Additional special fees are required.

PHY, Physics
Students already with credit for: PHY 2048C or 2049C PHY 2049C
Cannot subsequently get credit for: PHY 2053C PHY 2054C

PHY 2048C
General Physics with Calculus I (5) (A.A.)
Three hours lecture, three hours laboratory per week. Prerequisite: completion of MAC 2311 with a grade of "C" of better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course is a comprehensive study of fundamental concepts of natural laws, especially as they apply to mechanics and heat. This course is designed for pre-engineering and science majors. Students already with credit for PHY 2048C cannot subsequently get credit for PHY 2053C.

PHY 2048L
General Physics with Calculus I Laboratory (0) (A.A.)
Companion laboratory to PHY 2048C. Additional special fees are required.
**PHY 2049C**  
**General Physics with Calculus II (5) (A.A.)**  
Three hours lecture, three hours laboratory per week. Prerequisite: Completion of PHY 2048C with a grade of "C" or better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course is a comprehensive study of fundamental concepts of natural laws especially as they apply to sound, optics, electricity, magnetism and modern physics. This course is designed for pre-engineering and science majors. Students already with credit for PHY 2049C cannot subsequently get credit for PHY 2053C.

**PHY 2049L**  
**General Physics with Calculus II Laboratory (0) (A.A.)**  
Companion laboratory to PHY 2049C. Additional special fees are required.

**PHY 2053C**  
**General Physics I (4) (A.A.)**  
Three hours lecture, three hours laboratory per week. Prerequisites: Completion of MAC 1140 and MAC 1114, or MAC 2147, or MTB 1321 and MAC 1105, with a grade of "C" or better. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This course is a comprehensive noncalculus study of fundamental concepts of natural laws, especially as they apply to mechanics, heat and sound. Students already with credit for PHY 2048C or PHY 2049C cannot subsequently get credit for PHY 2053C.

**PHY 2053L**  
**General Physics Laboratory I (0) (A.A.)**  
Companion laboratory to PHY 2053C. Additional special fees are required.

**PHY 2054C**  
**General Physics II (4) (A.A.)**  
Three hours lecture, three hours laboratory per week. Prerequisite: Completion of PHY 2053C with a grade of "C" or better. This course is a comprehensive noncalculus study of fundamental concepts of natural laws, especially as they apply to optics, electricity, magnetism and modern physics. Students already with credit for PHY 2049C cannot subsequently get credit for PHY 2054C.

**PHY 2054L**  
**General Physics II Laboratory (0) (A.A.)**  
Companion laboratory to PHY 2054C. Additional special fees are required.

**PLA, Paralegal/Legal Assistant/Admin.**

**PLA 1003**  
**Introduction to Legal Systems (3) (A.A.)**  
Course is prerequisite for entering the Legal Assisting program. It provides a broad study of the relationships in a law office. The structure of the American legal system, including constitutional underpinnings, is covered. Legal ethics and basic issues common to all areas of law, such as court jurisdiction, conflicts of laws and remedies are taught.

**PLA 1104**  
**Legal Research and Writing I (3) (A.A.)**  
Prerequisite: ENC 1101. Recommended prerequisite: PLA 1003. Co-requisite: this course is required of all paralegal/legal assisting program majors and must be taken concurrently with LIS 2004. This class meets the Gordon Rule requirement. This course is intended to stress (to the paraprofessional) the importance of a thorough knowledge of legal terminology and the purposes of legal research and writing. Legal analysis techniques, research skills and good writing techniques are the focus of the course.

**PLA 1610**  
**Real Property Law/Transactions (3) (A.A.)**  
This course offers the basic principles of real property practices in law offices. It prepares the legal assistant trainee to fully understand the techniques and procedures encountered and utilized by law firms and practicing attorneys in various forms of real property conveyancing.

**PLA 1949**  
**Career Decision Work Experience in Legal Assisting (1-3 variable) (A.A.)**  
Four, eight or 12 hours of volunteer or work experience per week are expected depending on the credit hour requirements. Prerequisite: PLA 1003 and/or permission of instructor or program manager. This work-study course reinforces education and professional growth in a student’s academic major through coordinated field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager’s approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

**PLA 2001**  
**General Law (3) (A.A.)**  
This course emphasizes the law of contracts and forms relating to the law of sales and credit transactions, discussion of various instruments and the study of the Uniform Commercial Code. The course also emphasizes the basic principle of the Law of Torts.

**PLA 2114**  
**Legal Research and Writing II (3) (A.A.)**  
Prerequisite: PLA 1104. Recommended prerequisite: PLA 1003 and PLA 2001. This course meets the Gordon Rule requirement. This course focuses on an advanced review of legal researching finding techniques and legal writing skills. Students will perform research and write legal memoranda, pleadings and legal briefs.
PLA 2203  
**Civil Litigation I (3) (A.A.)**
Recommended prerequisite or corequisite: PLA 1003. This course emphasizes the civil court system and litigation procedures in the state of Florida and the federal courts, and will prepare the legal assistant to assist an attorney with civil trial duties up to the appeal level. All basic aspects of civil litigation are studied, including preliminary office procedures and drafting of all pleadings including interrogatories. Students will gain an understanding of substantive civil law and how to use the Florida and Federal Rules of Civil Procedure.

PLA 2223  
**Civil Litigation II (3) (A.A.S./A.S.)**
Recommended prerequisite: PLA 2203. This course builds upon PLA 2203 and will prepare the legal assistant to assist an attorney in civil trial practice through the appeals process. It includes drafting settlement proposals and a trial brief, abstracting depositions and the use of the Florida and Federal Rules of Appellate Procedure. Students will participate in a mock trial, activities and assignments will be based on the situations that arise from the preparation and trial process.

PLA 2303  
**Criminal Law and Procedures (3) (A.A.)**
Recommended prerequisite PLA 1003. This course teaches about offenses against persons, property and habitation, statutory provisions, defenses, parties to the crime and jurisdiction, and all aspects of criminal procedures from probable cause and arrest to all hearings, discovery, trial and habeas corpus.

PLA 2433  
**Corporations and Business Organizations (3) (A.A.)**
This course offers instructions in all phases and aspects of corporate law and practice, stressing procedures in corporations and organizations; dissolution, merger, rights, liabilities, duties and obligation of stockholders, directors and officers; amendments of Articles of Incorporation; a study of partnerships; and business organizations.

PLA 2600  
**Wills, Trusts and Probate Administration (3) (A.A.)**
This course is designed to offer the legal assistant trainee a general understanding of the techniques and procedures involved in preparation of wills and trusts, estate planning, income, gift and inheritance taxes, probating of estates and estate accounting.

PLA 2612  
**Real Estate II: From Contract to Closing (3) (A.A.)**
Prerequisite: PLA 1610. This course provides the student with hands-on experience in closing a variety of real estate transactions, from the simple residential sale to the complex commercial transaction. Students learn not only legal theory, but also the practical, “nuts and bolts” involved in taking a transaction from contract to closing. Students learn how to carry out advance negotiations and closings, based on current local and federal requirements. Students perform title searches and prepare title commitments, title policies and all necessary closing documents.

PLA 2732  
**Law Office Computer Applications (3) (A.A.S./A.S.)**
Prerequisite: OST 1100 or permission of instructor, and CGS 1000. This course introduces the student to the law office work environment and contains instruction and practice on computer programs common to law offices. The student will learn how to operate a microcomputer with or without the Windows program. The student will learn how to create files and folders, create, edit and merge documents using both Word Perfect and Microsoft Word. The student also will learn how to use spreadsheets, billing and calendar or "tickle" programs for law offices.

PLA 2763  
**Law Office Management (3) (A.A.S./A.S.)**
Prerequisite: PLA 1003. This course instructs students in the communications skills needed and processes followed in law offices. It reviews legal ethics and how they relate to office functions. Topics include financial management, records and physical facilities of small businesses, particularly law offices, and common business communications involving telephone, correspondence and e-mail usage. Students learn the complexities of obtaining jobs; develop personal and professionally written resumes and cover letters; know and practice the skills of interviewing; and apply the skills of salary negotiations.

PLA 2800  
**Introduction to Family Law (3) (A.A.)**
Recommended prerequisite or corequisite: PLA 1003. This course is designed to familiarize the student with the fundamental principles and rules relating to family law. It involves a study of marriage relationships, legal problems affecting minor children, dissolution of marriage, custody, adoption, support provisions, separation agreements, property disposition and foreign divorces.

PLA 2949  
**Internship in Paralegal/Legal Assisting (3) (A.A.)**
Twelve hours of volunteer or work experience per week are expected depending on the credit hour requirements. Prerequisite: PLA 1003 and/or permission of instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences. The student, instructor and work-site supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project.

PLA 2950  
**Professional Responsibilities (3) (A.A.S./A.S.)**
This course is designed to bring students up to date on all phases of knowledge required to take the Certified Legal Assistant Examination. Emphasis is on the current areas...
tested. The course is upgraded regularly and taught to prepare students for the CLA exam. The course is open to all persons needing preparation in this field.

**POS, Political Science**

**POS 1041**  
American Government (3) (A.A.)

This course meets Area III for the A.A./A.A.S./A.S. general education requirements. This course focuses on the structure and operation of our national government emphasizing the relationships that exist under a federal system of government and within the national administration.

**PSC, Physical Sciences**

**PSC 1121C**  
Physical Science (3) (A.A.)

Four hours lecture/laboratory per week. Prerequisite: MAT 0024 or equivalent. This course meets Area V of the A.A./A.A.S./A.S. general education requirements. This is a one-semester course presenting selected topics from all branches of physics, including mechanics, heat, electricity and magnetism, and modern physics. This course is presented primarily for nonscience majors. Note: Students who have already earned credit in PSC 1121 may not earn credit in PSC 1121C. Additional special fees are required.

**PSC 2930**  
Special Topics in Physical Science  
(1-4 variable) (A.A.)

This course is designed to meet the special needs of individuals or groups for whom regularly described courses in physical science may not be available.

**PSY, Psychology**

**PSY 2012**  
General Psychology (3) (A.A.)

This course meets Area III of A.A./A.A.S./A.S. general education requirements. This course is an introduction to the scientific study of human behavior with emphasis on the processes of thinking and learning as the basis for individual adjustment to the physical and social environment. It is a basic foundation course in psychology for transfer students.

**PSY 2930**  
Special Topics: Psychology (1-3 variable) (A.A.)

Prerequisites: PSY 2012 with a grade of “C” or better and permission of instructor. This course provides selected topics in psychology to meet the requirements and interests of individuals or groups, i.e. teachers, administrators, managers, social workers and government employees.

**QMB, Quantitative Methods in Business**

**QMB 1001**  
Business Mathematics (3) (A.A.S./A.S.)

Prerequisite: MAT 0012 or equivalent. This course provides an application of mathematics to routine business activities requiring computation such as discounts, mark-ups, interest, installment payments and depreciation schedules.

**REA, Reading**

**REA 0001**  
Basic Reading Skills I  
College Preparatory (5) (C.P.)

Three hours lecture and participation, two hours laboratory per week. This course is designed to develop skills in word recognition, vocabulary and literal and critical comprehension. After successful completion, the student will enroll in REA 0002. Placement for the next level of reading is determined by test scores. Students also must register for REA 0001L. Fall 2011 only, becomes REA 0007 effective Spring 2012.

**REA 0001L**  
Basic Reading Skills I Laboratory (0) (C.P.)

Required companion laboratory for REA 0001. Additional special fees are required. Fall 2011 only, becomes REA 0007L effective Spring 2012.

**REA 0002**  
Basic Reading Skills II  
College Preparatory (5) (C.P.)

Three hours lecture, two hours laboratory per week. Prerequisite: successful completion of REA 0001 or appropriate score on placement instruments. This course is designed to develop skills in vocabulary, comprehension and reading rate. Students must also register for REA 0002L. Fall 2011 only, becomes REA 0017 effective Spring 2012.

**REA 0002L**  
Basic Reading Skills II Laboratory (0) (C.P.)

Required companion laboratory for REA 0002. Additional special fees are required. Fall 2011 only, becomes REA 0017L effective Spring 2012.

**REA 0007**  
Basic Reading Skills I  
College Preparatory (4) (C.P.)

Three hours lecture and participation, one hour laboratory per week. This course is designed to develop skills in word recognition, vocabulary and literal and critical comprehension. After successful completion, the student will enroll in REA 0017. Placement for the next level of reading is determined by test scores. Students also must register for REA 0007L. (Formerly REA 0001)
REA 0007L
Basic Reading Skills I Laboratory (0) (C.P.)
Required companion laboratory for REA 0007. Additional special fees are required. (Formerly REA 0001L)

REA 0017
Basic Reading Skills II
College Preparatory (4) (C.P.)
Three hours lecture, one hour laboratory per week. Prerequisite: successful completion of REA 0001/0007 or appropriate score on placement instruments. This course is designed to develop skills in vocabulary, comprehension and reading rate. Students must also register for REA 0017L. (Formerly REA 0002)

REA 0017L
Basic Reading Skills II Laboratory (0) (C.P.)
Required companion laboratory for REA 0017. Additional special fees are required. (Formerly REA 0002L)

REA 1105
Critical Reading Techniques (3) (A.A.)
Prerequisite: successful completion of REA 0002 or REA 0007 with a grade of “C” or higher or appropriate score on reading placement test. This course is designed to develop efficient reading skills for purposeful application. Emphasis is on development of vocabulary, comprehension, reading techniques, critical analysis and written response to various types of reading materials. Instruction is presented through a lecture-participation approach.

REL, Religion

REL 2121
Religion in America (3) (A.A.)
Prerequisite: ENC 1101 with a grade of “C” or better. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, Gordon Rule requirement and part of the International/Intercultural requirement. The purpose of this course is to examine the scope and nature of religious institutions in America. Special attention is given to religious pluralism in the American context, and religious diversity as the legacy of immigration to the United States and adaptation to the new environment. The course also deals with the ways in which international/intercultural religious movements, institutions and activities interact with American culture. Offered as REL 2130 prior to Fall 2010.

REL 2240
Introduction to the New Testament (3) (A.A.)
A study of the historical background of the New Testament world, the life and teachings of Jesus, the growth of the Christian movement and the emergence of early Christian literature. Attention is given to problems of date and authorship of individual writings.

REL 2300
Introduction to World Religions (3) (A.A.)
This course meets Area IV of the A.A./A.A.S./A.S. general education requirements and part of the International/Intercultural requirement. This course is a survey of the world’s major religious traditions, with attention given to religious thought and practice and the historical development of each tradition’s religious literature. It explores the nature of religion and the relation of religion and culture. Offered as REL 2000 prior to Fall 2010.

REL 2930
Special Topics: Religion (1-3 variable) (A.A.)
This course is designed to meet the special needs of individuals or groups for whom regular, described courses may not be available.

RTE, Radiologic Technology

RTE 1001
Medical Terminology for Radiographers (1) (A.S.)
Prerequisite: Acceptance into the Radiography Program. This course is an introduction to the language of medicine with emphasis on its use in radiologic technology. Students survey and become proficient in the use of medical and anatomical terminology including definitions, word construction and analysis of disease, operative procedure, diagnostic and treatment terms, and abbreviations as reflected in medical documentation. (Summer C)

RTE 1002
Introduction to Radiologic Technology (5) (A.S.)
Prerequisite: Acceptance into the Radiography Program. This course is divided into two sections. The first portion of the course consists of a Certified Nursing Assistant program based on the state CNA curriculum. This CNA component consists of didactic, lab and clinical experience in a nursing facility. The second portion of this course focuses on radiology - history, equipment, role in medicine and medical language. Radiographic accessories (image receptors, beam-limiting devices, grids etc.) and processing are examined, as well as ethics of the profession and patient care. Additional topics will include pharmacology, medical law and an introduction to the clinical environment. Additional special fees are required. (Summer C)

RTE 1308
Radiation Protection and Safety (2) (A.S.)
Three hours per week for 12 weeks. Prerequisite: Acceptance into the Radiography Program. This course examines how radiation interacts with matter. The effects of radiation on cellular biology are studied. The course also focuses on proper utilization of protective devices to maintain safe exposure levels to patients and to others. (Summer C)
RTE 1418
**Radiographic Exposures I (5) (A.S.)**
Five hours per week. Prerequisite: RTE 1002 and RTE 1308. This course focuses on the principles of x-ray production, radiographic exposures including prime factors of radiographic quality and their effects on each other and the radiograph, as well as the equipment and circuitry needed to produce these effects. Additional special fees are required.

RTE 1458
**Radiographic Exposures II (5) (A.S.)**
Five hours per week. Prerequisite: RTE 1418. This is a continuation of RTE 1418 with further investigation of image formation using fluoroscopy, mobile radiography, tomography and advanced computerized imaging modalities. This course also includes a detailed quality assurance segment where the student will perform quality control testing on radiographic equipment and present the information during an in-class group presentation. In addition, an in-class presentation of a journal article on an imaging modality will be required. Additional special fees are required.

RTE 1503C
**Radiographic Procedures I (4) (A.S.)**
Four hours per week. Prerequisites: RTE 1002 and 1308. This is the first of four courses dealing with the anatomy and positioning of the human body. It is designed to cover basic radiographic principles, chest, abdomen, upper and lower extremities. Students work with phantoms and two fully energized laboratories to enhance their comprehension. Simulations of various radiographic procedures are conducted. Additional special fees are required.

RTE 1503L
**Radiology Procedures I Laboratory (0) (A.A.S./A.S.)**
Laboratory to accompany RTE 1503C.

RTE 1513C
**Radiographic Procedures II (4) (A.S.)**
Four hours per week. Prerequisites: RTE 1503C and RTE 1418L. This is a continuation of RTE 1503C with emphasis on the routine positioning of the pelvis and hip, and abdominal procedures such as upper and lower gastrointestinal tracts, spine studies, skull and facial bone areas, bony thorax and urinary system. Students work with phantoms and a fully energized laboratory to enhance their understanding. Simulations of various radiographic procedures also are conducted. Additional special fees are required.

RTE 1513L
**Radiology Procedures II Laboratory (0) (A.A.S./A.S.)**
Laboratory to accompany RTE 1513C.

RTE 1804L
**Practicum I (3) (A.S.)**
Sixteen hours per week. Corequisite: RTE 1503 C. This course provides practical application of the theory and principles presented in the classroom. Students attend one of the program’s clinical affiliates and work under the supervision of a registered radiographer while performing radiographic procedures. Additional special fees are required.

RTE 1814L
**Practicum II (3) (A.S.)**
Sixteen hours per week. Corequisite: RTE 1513 C. This is a continuation of RTE 1804L with emphasis on practical application of positions learned in Radiographic Procedures I and II. Students attend one of the program’s clinical affiliates and work under the supervision of a registered radiographer while performing radiographic procedures. Additional special fees are required.

RTE 1824C
**Practicum III (4)(A.S.)**
Two and a half hours lecture per week for six weeks and 20 hours of lab for 12 weeks. Prerequisite: RTE 1814L. This course consists of lecture and clinical experiences. The lecture component focuses on radiography of the spine. Simulations and assessments are conducted. Students attend one of the program’s clinical affiliates and work under the supervision of a registered radiographer while performing radiographic procedures. Additional special fees are required. (Summer C)

RTE 2061
**Radiologic Review (1) (A.S.)**
Corequisite: RTE 2563 or registry eligible. The course provides a general review of content studied during the course of the program. The course incorporates the use of discussion, review tests and mock registry exams to help students prepare for the ARRT exam.

RTE 2523C
**Radiographic Procedures III (4) (A.S.)**
Prerequisite: RTE 1513C. This course concentrates on arthography, myelography, trauma radiography and special radiographic projections. The course is divided into two major sections. The first section is designed to help the student become confident and competent in performing radiographic procedures during trauma situations. Modifications of routine projections, technical considerations, and patient care during trauma situations are discussed. The second section of this course covers special radiographic projections that can be utilized when routine projections do not demonstrate desired anatomy. Students complete case studies and share with the class highlights of their clinical experience through an oral presentation. Additional special fees are required.

RTE 2563
**Radiographic Procedures IV (4) (A.S.)**
Prerequisite: RTE 2523C. This course concentrates on radiographic pathology, special radiographic procedures and other imaging modalities of the radiological sciences. The course is divided into two major sections. The first section covers radiography of miscellaneous radiographic procedures, and provides an introduction to disease processes and the associated radiographic pathology. The second section of this course provides students with information about special radiographic procedures. Students are introduced to the basics of
other imaging modalities that are used to diagnose and treat medical illnesses. Students complete case studies, a research project and an oral presentation.

RTE 2762
Cross-Sectional Anatomy (3) (A.S.)
Prerequisite: RTE 2523C or current radiography license. Anatomical cross-sections of the human body are examined utilizing digital imaging of both MR and CT. Course study concentrates on structures composing the brain, chest, abdomen and pelvis. Appendicular girdles, muscles and osteology are investigated. Structures depicted in the cross-sections are labeled. Students practice and assess identification skills through detailed review exercises. Students explore the physiological processes of human anatomy. In addition to the analysis of normal anatomy, each unit is supplemented with common diagnostic exams and etiologies.

RTE 2834L
Practicum IV (4) (A.S.)
Twenty-four hours per week. Prerequisite: RTE 1824C. Corequisite: RTE 2523C. Special emphasis is placed on advanced positioning skills. Students attend one of the program’s affiliates for a designated period of time and work under the appropriate supervision of a registered radiographer while performing radiographic procedures. Additional special fees are required.

RTE 2844L
Practicum V (4) (A.S.)
Twenty-four hours per week. Prerequisite: RTE 2834L. Corequisite: RTE 2563. This course is a continuation of RTE 2834L with emphasis placed on advanced radiographic procedures. Students are encouraged to spend time in areas such as mammography, ultrasound, nuclear medicine and vascular imaging to gain insight into these postgraduate areas. Students attend one of the program’s affiliates and work under the direct supervision of a registered radiographer while performing radiographic procedures.

RTE 2931
Radiographic Image Analysis (1) (A.S.)
One hour per week. Prerequisite: RTE 1513C and RTE 1418. This course is designed to assess students’ ability to critique/assess radiographic images for proper patient positioning, exposure factors, anatomy, artifacts and evidence of radiation protection. Critical thinking and problem solving skills are necessary in determining causes of technical problems and identifying corrective actions.

RTV, Radio-Television

RTV 1241
Basic Television Production (3) (A.A.)
This three-hour credit course is a television studio workshop, introducing students to the creative and technical processes involved in broadcast production. Students participate in a working television studio, creating a variety of video projects designed to challenge the beginning producer. Students work to complete television commercials; talk shows, demonstrations, short dramas and news programming.

RTV 1242
Advanced Television Production (3) (A.A.)
Prerequisite: RTV 1241. This three-hour credit course is a television studio workshop, providing students with advanced study in the field of television studio production. Students participate in a working television studio, focusing their efforts on advanced individual projects, as well as extended group assignments. Emphasis is placed on the creating of broadcast-length productions suitable for distribution on television.

RTV 2000
Introduction to Broadcasting (3) (A.A.)
Three hours per week in lecture, laboratory and production activities. This course is a basic overview of electronic media. Students gain insight on the development of radio and television as industry and art form, assess the impact of historical and contemporary trends, and apply understanding of fundamental production techniques.

RTV 2100
Writing for Television (3) (A.A.)
This three-hour credit course is an introduction to the mechanics of writing for television. From idea through revised draft, students learn the process of developing scripts for television. The structural demands of commercial television and cable are explored. The student will have a grounding in the historical development of marketable TV genres. The selling and buying of a script is analyzed, as well as strategies for creating a teleplay by oneself or with a staff of writers.

SLS, Student Life Skills (Learning)

SLS 1106
First Year Experience (1) (A.A.)
This course assists students in mapping essential resources necessary for college success. The focus of this course is to promote academic success and persistence, active collaboration with college personnel, effective educational planning, and student engagement in college life.

SLS 1300
Career Planning (1) (A.A.)
This course assists students in identifying aptitudes, interests, and values as related to career decision making. Employment and future trends in careers will be explored.

SLS 1301
Career Explorations: A Personal Journey Into Finding Your Career (3) (A.A.)
This course, which includes a career-testing component, is designed to help individuals gain the personal skills and knowledge required to make realistic academic and career decisions. Areas of emphasis include self-knowled-
edge, interest and personality. Assessment techniques are discussed. Recommended for undecided and re-entry students as well as psychology, counseling, education and social work majors. Additional special fees are required.

SLS 1350
Job Marketing Skills (1) (A.A.S./A.S.)
This is an excellent elective for persons seeking full-time employment upon graduation. Students will understand the complexities of obtaining jobs, develop personal and professionally written resumes, know and practice the skills of interviewing, complete application forms and compose cover letters, apply the skills of salary negotiations and understand the opportunities and intricacies of entrepreneurship. National and local forecasts of career growth in the student's areas of interest will be reviewed.

SLS 1501
Study Skills for Academic Success (1) (A.A.)
This course is designed to develop academic study skills, including strategies for time management, note-taking, test-taking, coping with test anxiety, and reading, writing, and discussion.

SLS 1949
Work Experience in Peer Classroom/Laboratory Tutoring & Study Coaching (1-3 variable) (A.A.)
Four, eight, or 12 hours of volunteer or work experience a week are expected depending on the credit hour requirements. Prerequisite: At least one social science course and permission of the instructor or program manager. This work-study course reinforces education and professional growth in a student's academic major through coordinated field experiences. The student, instructor and worksite supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and work assignments. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

SLS 2263
Leadership Fundamentals (3) (A.A.)
Three hours per week. This course is designed to look at leadership as an inside-out, relational phenomenon, from individual development to group dynamics and eventually to complex organizations. A broad range of leadership topics including self-development and understanding group behavior, organizational design, ethics and teamwork are covered. Concepts of leadership are introduced and the potential of individual students to develop effective leadership skills is examined.

SLS 2949
Internship in Peer Classroom/Laboratory Tutoring & Study Coaching (1-3 variable) (A.A.)
Four, eight, or 12 hours of volunteer or work experience per week are expected depending on the credit hour requirements. Prerequisite: At least one social science course and permission of the instructor or program manager. This work-study course is designed to continue training in a student's academic major through field experiences. The student, instructor and worksite supervisor work together to determine specific learning objectives for each student. The student is then evaluated based on documentation of satisfactory completion of the learning objectives and technical project. With program manager's approval and based upon degree requirements, degree-seeking students who are making progress in their degree program may repeat this course for a maximum total of three credits.

SPC, Speech Communication

SPC 1300
Interpersonal Communication (3) (A.A.)
Utilizing a blend of the theoretical and experiential, this course concentrates on helping students develop effective human interaction and relationship skills. Topics include self-concept and self-esteem, effective listening, body language and nonverbal messages, problem solving and conflict resolution.

SPC 1420
Group Discussion (3) (A.A.)
On completion of this course, the student should be able to take an active role in organizational settings using leadership techniques, conflict resolution strategies and various systems approaches to creative and pragmatic problem solving.

SPC 1608
Fundamentals of Speech Communication (3) (A.A.)
Prerequisite: Completion of ENC 1101 with a grade "C" or better. This course meets Area I of the A.A. general education requirements. This course presents oral communication through speaking and listening. Basic research techniques, the fundamentals of organization of speech materials, the reasoning processes, as well as principles of effective delivery of original speech to class audiences are emphasized.

SPN, Spanish Language

SPN 1120
Elementary Spanish I (4) (A.A.)
Three hours per week and a required online laboratory component. Prerequisite: College-level reading and writing skills are required or consent of the department. This course includes fundamentals of grammar with emphasis on reading, speaking and listening.

SPN 1121
Elementary Spanish II (4) (A.A.)
Three hours per week and a required online laboratory component. Prerequisite: SPN 1120 with a grade of "C" or better. This course includes fundamentals of grammar with emphasis on reading, speaking and listening.
SPN 2200
Intermediate Spanish I (3) (A.A.)
Three hours per week and a required online laboratory component. Prerequisites: SPN 1120-1121 or equivalent. This course meets part of the International/Intercultural requirement. This course includes readings in the literature and cultural history of Spanish-speaking countries, with discussion. Grammar is reviewed and oral facility is emphasized.

SPN 2201
 Intermediate Spanish II (3) (A.A.)
Three hours per week and a required online laboratory component. Prerequisite: SPN 2200 or equivalent. This course meets part of the International/Intercultural requirement. This course includes readings in the literature and cultural history of Spanish-speaking countries, with discussion. Grammar is reviewed and oral facility is emphasized.

SPN 2930
Special Topics: Spanish (1-3) (A.A.)
This course is designed to meet the special needs of individuals and groups for whom regular, described courses may not be available.

STA, Statistics

STA 2023
Elementary Statistics (3) (A.A.)
Prerequisite: MAT 1033. This course meets Area II of the A.A. and A.S. general education requirements. This course is a study of the fundamental statistical topics, including normal and binomial distributions, measures of central tendency and variation, confidence intervals, hypothesis testing, sampling techniques, simple linear regression, correlation and nonparametrics.

SUR, Surveying & Related Areas

SUR 2100C
Topographic Drafting and Survey (4) (A.A.S./A.S.)
Prerequisite: EGS 1110C or BCN 1251C or permission of instructor. This course concerns the theory and practice in surveying and the related topographic drafting. Included in the course will be the use and care of surveying instruments and the study of surveying as related to engineering practice and preparation of maps and charts related to surveying. Additional special fees are required. (Fall)

SYG, Sociology, General

SYG 2000
General Sociology (3) (A.A.)
This course meets Area III of the A.A./A.A.S./A.S. general education requirements. It is an introduction to the scientific study of society and of basic sociological concepts, methods of investigation, interpretation of professional and popular writings and fields of application. This course is writing intensive, and it is strongly recommended that students complete ENC 1101 prior to entry into this course.

SYG 2930
Special Topics in Sociology (1-3 variable) (A.A.)
Prerequisites: SYG 2000 and permission of instructor. This course is designed to meet the specific needs of individuals or groups for which regularly described courses may not be available. It may involve study, research or field projects in areas such as research methods, survey research, socialization and social institution group behavior.

TAX, Taxation

TAX 2000
Tax Accounting (3) (A.A.S./A.S.)
This course includes federal tax laws and their application to individuals with emphasis on preparation of individual income tax returns.

THE, Theatre Studies & General Resource

THE 1925
Performance Production Workshop I (3) (A.A.)
This is a stage production course. Students assume major production capabilities. Students participate in at least 15 hours of production work. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, more than one attempt may not count toward a degree at SCF. Students are advised to consult the transfer university about the number of transferrable credits for theatre production courses.

THE 1925B
Performance Production Workshop II (3) (A.A.)
This is a stage production course. Students assume major production capabilities. Students participate in at least 15 hours of production work. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, more than one attempt may not count toward a degree at SCF. Students are advised to consult the transfer university about the number of transferrable credits for theatre production courses.

THE 2000
Theatre Appreciation (3) (A.A.)
Prerequisite: ENC 1101. This course meets Area IV of the A.A./A.A.S./A.S. general education requirements, the Gordon Rule requirement and part of the International/Intercultural requirement. This course introduces the student to dramatic literature of the world from ancient to modern times, and to the arts and crafts which transform it into the living theatre. It is designed to develop the student’s knowledge and appreciation of the theatre arts through a historic and contemporary
approach so that the student may gain a greater satisfac-
tion from dramatic presentations. Attendance at live
stage productions is a mandatory part of this course.

THE 2020
Theatre Fundamentals (3) (A.A.)
Prerequisite: ENC 1101. This course meets the Gordon
Rule requirement. This course provides an initial ex-
posure to play analysis, acting, scenery construction and
design, lighting, costuming, directing and management.
Play-reading assignments, an oral report and other class
projects are required.

THE 2300
Script Analysis (3) (A.A.)
This course focuses on theory and practice in the theatre
arts which have influenced the theatre scene. Between 12
and 15 playwrights are introduced and their plays are read,
discussed and analyzed. One oral presentation is required.

THE 2820
Introduction to Creative Dramatics (3) (A.A.)
The needs, techniques and use of creative dramatics in
the classroom are presented. Alternative to traditional
teaching styles and techniques will be stressed.
Utilization of the course will be with the “why and what”
of creative dramatics, and how to cope with slow chil-
dren, problem children, average children and exception-
al children of all ages.

THE 2930
Special Topics in Theatre (1-3 variable) (A.A.)
This course is designed to meet the special needs of indi-
viduals and groups for whom regular, described courses
may not be available.

TPA, Theatre Production and Administration

TPA 1290
Production Involvement I (1) (A.A.)
This course presents the theories and techniques of
stagecraft, lighting, sound, costuming and/or make-up.
Practical experience in the college theatre is provided.
The application is through workshop sessions in the art
of technical theatre and through the actual performance
of two major productions each semester. Degree-seeking
students who are making progress in their degree pro-
grams may repeat this course a maximum number of two
(2) times; however, no more than a total of nine (9) com-
bined credits of theatre production courses may count
toward elective credits. Students are advised to consult
the transfer university about the number of transferrable
credits for theatre production courses.

TPA 1290B
Production Involvement IB (1) (A.A.)
Prerequisite: TPA 1290 or equivalent. This course pres-
ents the theories and techniques of stagecraft, lighting,
sound, costuming and/or make-up. Practical experience
in the college theatre is provided. The application is
through workshop sessions in the art of technical theatre
and through the actual performance of two major pro-
ductions each semester. Degree-seeking students who
are making progress in their degree programs may repeat
this course a maximum number of two (2) times; howev-
er, no more than a total of nine (9) combined credits of
theatre production courses may count toward elective
credits. Students are advised to consult the transfer uni-
versity about the number of transferrable credits for the-
atre production courses.

TPA 2210
Introduction to Technical Theatre (3) (A.A.)
Three hours per week. This course presents basic tech-
nical theatre practices - stage terminology, construction
tools, theatrical/construction, backstage management
and basic scene painting techniques. Basic design prac-
tices, color and drafting are applied to stage settings.

TPA 2248
Stage Makeup (2) (A.A.)
Prerequisite: Permission of instructor. This course presents
stage makeup for the actor including practice and tech-
ique in application. Life mask construction is stressed.
Additional special fee is required.

TPA 2291
Production Involvement II (1) (A.A.)
This course presents the theories and techniques of
stagecraft, lighting, sound, costuming and/or make-up.
Practical experience in the college theatre is provided.
The application is through workshop sessions in the art
of technical theatre and through the actual performance
of two major productions each semester. Degree-seeking
students who are making progress in their degree pro-
grams may repeat this course a maximum number of two
(2) times; however, no more than a total of nine (9) com-
bined credits of theatre production courses may count
toward elective credits. Students are advised to consult
the transfer university about the number of transferrable
credits for theatre production courses.

TPA 2291B
Production Involvement IIB (1) (A.A.)
Prerequisite: TPA 2291 or equivalent. This course pres-
ents the theories and techniques of stagecraft, lighting,
sound, costuming and/or make-up. Practical experience
in the college theatre is provided. The application is
through workshop sessions in the art of technical theatre
and through the actual performance of two major pro-
ductions each semester. Degree-seeking students who
are making progress in their degree programs may repeat
this course a maximum number of two (2) times; howev-
er, no more than a total of nine (9) combined credits of
theatre production courses may count toward elective
credits. Students are advised to consult the transfer uni-
versity about the number of transferrable credits for the-
atre production courses.
TPP, Theatre Production

TPP 1190
Studio Theatre Cast I (1) (A.A.)
Prerequisite: Permission of instructor. This course presents the theories and techniques of acting, directing and stage management through the performance of significant works of dramatic literature. The course places in perspective the student's academic study with work for which the student gets credit. Participation in the department's theatre productions is required. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, no more than a total of nine (9) combined credits of theatre production courses may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for theatre production courses.

TPP 1190B
Studio Theatre Cast IB (1) (A.A.)
Prerequisite: Permission of instructor and TPP 1190 or equivalent. This course presents the theories and techniques of acting, directing and stage management through the performance of significant works of dramatic literature. The course places in perspective the student's academic study with work for which the student gets credit. Participation in the department's theatre productions is required. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, no more than a total of nine (9) combined credits of theatre production courses may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for theatre production courses.

TPP 1500
Stage Movement for the Actor (3) (A.A.)
This course focuses on the nature of stage action: the actor's inner creative feelings viewed as they are expressed through the actor's physical means. Work on stage violence, pantomime, humor in movement, rhythmic movement and period movement is included.

TPP 2110
Acting I (3) (A.A.)
Prerequisite: TPP 2700 or consent of the instructor. This course introduces students to the acting process through class exercises, improvisation, beginning scene study, and cold-reading audition technique. Emphasis is placed on expanding the student's use of self in an imaginative, creative and truthful way. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, more than one attempt may not count toward a degree at SCF. Students are advised to consult the transfer university about the number of transferrable credits for theatre production courses.

TPP 2111
Acting II (3) (A.A.)
Prerequisite: TPP 2110, or consent of the instructor. This course is a continuation of Acting I with emphasis on in-depth textual analysis and characterization. Scene work and monologues serve as the basis for study. The course introduces students to various acting styles as well as basic audition technique. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, more than one attempt may not count toward a degree at SCF. Students are advised to consult the transfer university about the number of transferrable credits for theatre production courses.

TPP 2191
Studio Theatre Cast II (1) (A.A.)
Prerequisite: Permission of instructor. This course presents the theories and techniques of acting, directing and stage management through the performance of significant works of dramatic literature. The course places in perspective the student's academic study with work for which the student gets credit. Participation in the department's theatre productions is required. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, no more than a total of nine (9) combined credits of theatre production courses may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for Theatre Production courses.

TPP 2191B
Studio Theatre Cast IIB (1) (A.A.)
Prerequisite: Permission of instructor and TPP 2191 or equivalent. This course presents the theories and techniques of acting, directing and stage management through the performance of significant works of dramatic literature. The course places in perspective the student's academic study with work for which the student gets credit. Participation in the department's theatre productions is required. Degree-seeking students who are making progress in their degree programs may repeat this course a maximum number of two (2) times; however, no more than a total of nine (9) combined credits of theatre production courses may count toward elective credits. Students are advised to consult the transfer university about the number of transferrable credits for Theatre Production courses.

TPP 2700
Voice and Diction (3) (A.A.)
This course is to help individuals develop, maintain and improve their voice production. Proper breathing, inflection, voice quality and articulation are stressed. This course is recommended for all public performers.
The College personnel listing is available online at scf.edu/EmployeeDirectory. It can be searched and sorted by name or department. Information in the personnel listing is provided and verified by the human resources office. All requests for changes to names, titles, department affiliation, credentials or other listing correction should be made to the human resources office.

The organizational structure of the College can be viewed at scf.edu/OrganizationalStructure.
College maps and listings of buildings are available online at scf.edu/maps.

SCF Bradenton Campus Map
SCF Lakewood Ranch Campus Map
SCF Venice Campus Map
INDEX [213]

A
ACT/SAT ..................................................46
Academic Calendar ........................................2
Academic Dismissal .........................................40
Academic Ethics .............................................54
Academic Programs ..........................................64, 65
Academic Record Changes/Requests ..................40
Academic Resource Centers (ARC) ....................52
Academic Standing ...........................................39
Academic Suspension .......................................40
Academic Warning ..........................................39
Accounting ..................................................64, 65, 71
Accreditation and Governance ..........................ii
Adding/Dropping Classes .................................25
Address Changes ............................................40
Admission Procedures Summary .......................21
Admissions, First Time in College .....................11
Admissions, International Students ...................19
Admissions Policies and Procedures ...................11
Admissions, Selective/Limited Access .................11
Admissions, Special Nondegree-Seeking ..............12
Admissions, Transfer .......................................12
Advanced Technical Certificates ......................65, 74, 109
Advanced Placement Program, Transfer through ...13
Advertising ...................................................71
Advisement, A.A. ..........................................44
Advisement, A.A.S./A.S. ..................................44
Advisement, Baccalaureate ................................44
Advisement, Transfer ........................................42
African-American Studies ..................................71
Agency Assistance ..........................................31
Alternative Certification Program (ACP) .............49, 109
Alternative Energy Certificate ..........................65, 107
Anthropology ................................................71
Appeals, Academic Standing ............................40
Armed Forces School Courses, Transfer of ........19
Art - General ...............................................71
Art History and Appreciation ............................71
Art - Studio/Fine Art .......................................71
Assessment/Testing Centers .............................45
Associate in Arts Degree ................................64, 67
Associate in Arts Degree Requirements Summary ....72
Associate in Arts, Prerequisites for State University Majors ...71
Associate in Applied Science Degree ..................64, 74
Associate in Science Degree ..............................64, 74
Astronomy ....................................................71
Atmosphere Science .......................................71
Attendance, Class ..........................................37
Attendance and Grading ....................................37
Audit Policy ....................................................38
Auditing Students ..........................................19
Automotive Service Management Technology .........65, 74, 77
B
Baccalaureate Programs ..................................65, 112
Biology .......................................................71
Biotechnology .................................................64, 74, 76
Blended Courses, eLearning .............................50
Board of Trustees ............................................iv
Bookstore (The SCF Store) ...............................48
Buildings - SCF Bradenton ................................211
Buildings - SCF Lakewood Ranch .......................211
Buildings - SCF Venice ....................................211
Business .........................................................64, 71
Business Administration/Accounting ..................64, 74, 78
Business Administration/Management ..................64, 74, 78
Business Administration/Marketing ....................64, 74, 78
Business Administration and Management ..........64, 65, 71, 74, 78
Business Managerial Economics .........................71
Business Management Certificate ......................65, 107
C
CDA .............................................................87, 108
Calendar, Academic .........................................2
Cambridge AICE .............................................17
Career Pathways .............................................52
Career Resource Center (CRC) .........................47
Career Technical Programs ...............................64, 74
Catalog Accuracy Disclaimer ...........................ii
Center for Corporate and Community Development (CCD) ...9
Certificate Programs ......................................65, 74, 107
Chemistry .......................................................71
Chemistry Science ..........................................71
Child Care Director Administrator Credential .......87, 108
Child Development Associate (CDA) Certificate Courses ...87, 108
Civil Technology ..............................................71
Class Attendance and Grading .........................37
Classroom Teacher Tuition Waiver .....................28
Clinical Chemistry .........................................71
Code of Conduct ............................................54
College Enrichment ........................................53
College Level Academic Skills (CLAS) ..................41
Graduate Exit Exam ........................................41
College Level Examination Program (CLEP) ..........15
College Preparatory Courses .............................49
College Preparatory Program ............................49
College Reach-Out Program (CROP) .....................53
College Source ...............................................26
Commencement Ceremonies ..............................43
Community Health ..........................................71
Complaint/Conflict Resolution, Student .................57
Computer-Based Instruction, eLearning ...............50
Computer and Information Engineering .................71
Computer and Information Science .......................71
Computer Ethics ............................................54
Computer Information Administrator ..................64, 74, 82
Computer Information Technology .....................64, 74, 82
Computer Information Technology Certificate .........65, 107
Computer Programming and Analysis ..................64, 74, 82
Computer Programming and Analysis Certificate ....65, 107
Conduct, Code of ...........................................54
Construction Management Technology .................64, 74, 84
Continuing and Community Education, Institute of .......9
Convocation, Honors .......................................43
Cooperative Education (Work Experience) ...........51
Cost and Fee Information ................................26
Course Descriptions ........................................121
Course Descriptions Key ..................................122
Course Equivalencies, General Rule .....................121
Course Loads ...............................................25
Course Numbering System ................................121
Course Prefix ...............................................121, 123
Credit for Experiential Learning (C.E.L.) ..............51
Credit for USAF and Armed Forces School Courses .....19
Credit Definitions ..........................................36
Criminal Justice .............................................71, 74
Criminal Justice Technology ..............................64, 74, 86
CROP (Child Restraining Offenders Program) ...........9
INDEX [215]

Honors Convocation .............................................. 43
Hospitality Management ........................................... 64, 74, 81
Human Services ....................................................... 72
Humanities ............................................................... 72

Identification (ID) Card ........................................... 26
Incompletes .............................................................. 37
Industrial Management Technology, Hospitality Management, Culinary Arts .................. 64, 74, 81
Information Sciences and Systems ................................ 72
Institute of Continuing and Community Education .......................................................... 9
Institute of Workforce Solutions ........................................ 9
Institutional Credits .................................................. 36
Institutional Values of the College ....................................... 8
International Baccalaureate Program (IB) .................................. 16
International Student Admission Requirements .................... 19
International Student General Information ................................. 20
Internships ................................................................. 47

Journalism ................................................................. 72
Judicial System ............................................................ 58

Labs, Tutorial, (ARC) .................................................. 52
Lakewood Ranch .......................................................... 211
Liberal Arts and Sciences .............................................. 72
Library Services .......................................................... 52
Library Obligations ...................................................... 28
Linkage Programs ....................................................... 65, 110
Load, Maximum and Minimum ....................................... 25, 36
Loans, Financial Aid .................................................... 31, 33
Locations of the College ................................................ 7
Lost and Found ............................................................. 48

Magazine Production ................................................... 72
Manatee Technical Institute (MTI)
Articulation ............................................................... 75, 77, 81, 86, 90, 109
Marine Biology ............................................................ 71
Marketing Certificate ................................................... 65, 108
Mass Communications .................................................. 72
Mathematics ................................................................. 72
Maximum Credit Allowed ............................................... 19

Meteorology ................................................................. 71
Method of Fee Payment .................................................. 28
Microbiology ................................................................. 72
Middle and High School Programs and Opportunities ....................... 52
Military Activations ...................................................... 35
Mission Statement of the College ....................................... 7
Motion Picture .............................................................. 72
Music ................................ .............................................. 72

Name Changes ............................................................ 40
Neel Performing Arts Center ............................................. 48
Network Administration and Security .................................. 64, 74, 82
Network Administration and Security Certificate ......................... 108
Noncredit Course Fees .................................................. 28
Nondirectory Information ................................................ 59
Nondiscrimination, Statement of ......................................... ii
Nontraditional Learning Methods ........................................ 50
Notification of Rights for Elementary and Secondary School Students Enrolled at State College of Florida, Manatee-Sarasota and/or State College of Florida Collegiate School ........................................... 60
Nursing ................................................................. 64, 65, 75, 95, 97, 118
Nursing Transition ....................................................... 64, 75, 97
Nutrition and Dietetics .................................................... 72

Occupational Therapy Assistant ....................................... 64, 75, 99
Off-Campus Credit Courses .............................................. 52
On-Campus Employment ................................................ 32
Online Courses, eLearning ................................................ 50
Online Services for Students ............................................. 26
Orientation ................................................................. 26
Overload, Petition ......................................................... 36
Overrider for Courses .................................................... 25

Paralegal/Legal Assisting ................................................ 64, 72, 75, 106
Paralegal/Legal Assisting Advanced Certificate ......................... 65, 109
Parking Violation Fees ................................................... 27
Parking Violation Penalties .............................................. 57
Part-time Student, Classification of .................................... 36
Payment and Financial Obligations ....................................... 28
Permits for Prerequisites/Corequisites and Overrides .................. 26
Personal Expenses ....................................................... 28
Personal Identification Number (PIN) ................................ 25
PERT Retake Policy ...................................................... 46
Pharmacy ................................................................. 72
Philosophy ................................................................. 72
Philosophy and Religion ................................................. 72
Photography ............................................................... 72
Physical Therapist Assistant ............................................ 64, 75, 101
Physics ................................................................. 72
Plagiarism Policy ......................................................... 54
Plant Pathology ............................................................ 71
Policies and Procedures for Educational Records ....................... 36
Political Science and Government ..................................... 72
Postsecondary Education Readiness Test (PERT) ......................... 46
Preparatory Courses ..................................................... 49
Prerequisites for Universities, A.A ....................................... 71
President’s List ............................................................. 37
President’s Message ..................................................... iii
Probation, Academic .................................................... 40
Profile of College ........................................................ 7
Program/Major Changes ................................................ 41
Programs of Study ....................................................... 64
Prohibited Harassment ................................................... 55
Psychology ................................................................. 72
Public Administration ..................................................... 72
Public Safety Administration ........................................... 65, 116
Public Safety/Security ................................................... 48

Radio and TV Broadcasting ............................................ 72
Radiography .............................................................. 64, 75, 103, 105
Radiologic Technology .................................................. 72
Readmission Policy ....................................................... 19
Record Changes/Requests, Academic .................................... 40
Refund Policy .............................................................. 29
Registration ............................................................... 24
Registration Holds ....................................................... 24
Registration Permits ..................................................... 25
Registration Priority Dates .............................................. 25
Religious Observances .................................................... 56
Religious Studies ........................................................ 72
Repeat Policy ............................................................... 38
Residency Requirements and Guidelines ................................ 38
Returned Check Policy ................................................... 27
<table>
<thead>
<tr>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety/Security ........................................ 48</td>
</tr>
<tr>
<td>Sarasota County Technical Institute (SCTI) Articulation ...75, 77, 81, 86, 90, 109</td>
</tr>
<tr>
<td>SAT/ACT ....................................................... 46</td>
</tr>
<tr>
<td>SCF Store ..................................................... 46</td>
</tr>
<tr>
<td>Scheduling, Evening .................................... 51</td>
</tr>
<tr>
<td>Scheduling, Short-Term Classes ..................... 51</td>
</tr>
<tr>
<td>Scheduling, Summer Credit Courses ................. 51</td>
</tr>
<tr>
<td>Scheduling, Weekend .................................... 52</td>
</tr>
<tr>
<td>Scholarship or Grant Repayments, Reasons for ....... 31</td>
</tr>
<tr>
<td>Scholarships ................................................. 31</td>
</tr>
<tr>
<td>Selective Admissions/Limited Access .................. 11</td>
</tr>
<tr>
<td>Short-Term Loan ........................................... 32</td>
</tr>
<tr>
<td>Small Business Development Center .................. 9</td>
</tr>
<tr>
<td>Social Sciences ............................................. 72</td>
</tr>
<tr>
<td>Social Security Number, Notification of Collection and Usage ................. 61</td>
</tr>
<tr>
<td>Social Work ................................................... 72</td>
</tr>
<tr>
<td>Solomon Amendment ...................................... 62</td>
</tr>
<tr>
<td>Sophomore, Classification of .......................... 36</td>
</tr>
<tr>
<td>Spanish .......................................................... 72</td>
</tr>
<tr>
<td>Special Admissions, Nondegree-Seeking ............ 12</td>
</tr>
<tr>
<td>Special Scheduling ......................................... 51</td>
</tr>
<tr>
<td>Standards of Satisfactory Academic Progress, Financial Aid .................. 34</td>
</tr>
<tr>
<td>Standards of Progress, Veterans ..................... 35</td>
</tr>
<tr>
<td>Standards of Student Behavior ....................... 54</td>
</tr>
<tr>
<td>State College of Florida Foundation Inc .......... 8</td>
</tr>
<tr>
<td>State Employee Fee Waiver ............................. 28</td>
</tr>
<tr>
<td>State Financial Aid Programs .......................... 31</td>
</tr>
<tr>
<td>Statement of Nondiscrimination ...................... ii</td>
</tr>
<tr>
<td>Statewide Course Numbering System ................ 121</td>
</tr>
<tr>
<td>Statistics ..................................................... 72</td>
</tr>
<tr>
<td>Strategic Priorities of the College ................... 8</td>
</tr>
<tr>
<td>Student Appeals ............................................ 40</td>
</tr>
<tr>
<td>Student Assistants ....................................... 47</td>
</tr>
<tr>
<td>Student Behavior, General Expectations ............ 54</td>
</tr>
<tr>
<td>Student Code of Conduct ................................ 54</td>
</tr>
<tr>
<td>Student Complaint/Conflict Resolution .............. 57</td>
</tr>
<tr>
<td>Student Court ................................................ 58</td>
</tr>
<tr>
<td>Student Development and Special Programs .......... 49</td>
</tr>
<tr>
<td>Student Discipline ........................................ 49</td>
</tr>
<tr>
<td>Student E-mail ............................................. 25</td>
</tr>
<tr>
<td>Student Employment ...................................... 32, 47</td>
</tr>
<tr>
<td>Student Financial Aid .................................... 30</td>
</tr>
<tr>
<td>Student Government ..................................... 49</td>
</tr>
<tr>
<td>Student Organizations ................................... 49</td>
</tr>
<tr>
<td>Student Services and Campus Life .................... 44</td>
</tr>
<tr>
<td>Student Success Resources and Opportunities ..... 52</td>
</tr>
<tr>
<td>Students, Classification of ............................ 36</td>
</tr>
<tr>
<td>Summer Bridge Program ................................ 53</td>
</tr>
<tr>
<td>Suspension, Academic .................................... 40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teacher Certification Program ........................</td>
</tr>
<tr>
<td>Advanced Certificate .................................... 65, 109</td>
</tr>
<tr>
<td>Tech Prep .................................................... 53</td>
</tr>
<tr>
<td>Technical Articulation Opportunities ................ 53</td>
</tr>
<tr>
<td>Technical Certificate Programs ....................... 65, 74, 107</td>
</tr>
<tr>
<td>Television .................................................... 72</td>
</tr>
<tr>
<td>Television Technology .................................... 72</td>
</tr>
<tr>
<td>Test Requirements for Admission ..................... 11, 21</td>
</tr>
<tr>
<td>Testing Centers ............................................ 45</td>
</tr>
<tr>
<td>Third Attempt .............................................. 27, 38</td>
</tr>
<tr>
<td>Tobacco-Free Campus Policy ............................ 66</td>
</tr>
<tr>
<td>Traffic Rules and Regulations .......................... 57</td>
</tr>
<tr>
<td>Traffic Safety Institute ................................... 9</td>
</tr>
<tr>
<td>Transcript Requests ....................................... 41</td>
</tr>
<tr>
<td>Transfer Advisement Guidelines ........................ 45</td>
</tr>
<tr>
<td>Transfer Credit: Nonaccredited Institutions ........ 13</td>
</tr>
<tr>
<td>Transfer Students Admission Requirements ........... 12</td>
</tr>
<tr>
<td>Transient Students ......................................... 19</td>
</tr>
<tr>
<td>Transient Approval for SCF Students ................ 19</td>
</tr>
<tr>
<td>Transient Approval – Non-SCF Students ............. 19</td>
</tr>
<tr>
<td>Tuition ......................................................... 26</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>U</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI and Armed Forces School ........................</td>
</tr>
<tr>
<td>Credits, Transfer of ....................................... 19</td>
</tr>
<tr>
<td>University Advising Center .............................. 45</td>
</tr>
<tr>
<td>University Parallel Programs ........................... 67</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veterans’ Deferments .................................... 35</td>
</tr>
<tr>
<td>Veterans’ Information .................................... 34</td>
</tr>
<tr>
<td>Vision Statement of the College ....................... 7</td>
</tr>
<tr>
<td>Voiding of Classes Due to Nonpayment of Tuition and Fees ................. 25</td>
</tr>
</tbody>
</table>
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