This course meets Area II requirements for both the A.A. and the A.S. general education requirements. Topics include the study of polynomial, rational, absolute value, exponential, and logarithmic functions. An emphasis will be placed on solving applications by mathematical modeling. Other topics include matrices, system 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. Additional special fees are required. Students already with credit for MAC 1140 cannot subsequently get credit for MAC 1105, 2147 or 2142, or vice versa. Course placement standards are available at http://www.scf.edu/Academics/MathematicsScienceTechnologyBusiness/Mathematics/Courses/MAC1105CollegeAlgebra.asp and in the Math Labs.

MAT 1033 with a “C” or better. Student enrollment in any mathematics course is contingent upon approval of the Mathematics Department. This means that students who have been misplaced may have their schedule changed.

*College Algebra Essentials, 3rd Edition,* by Robert Blitzer
MyMathLab Student Access Code
The textbook and access code are available for purchase at the SCF Bookstore as a *bundled package.* Do not open the package unless you are certain you have the correct materials. Open packages will not receive full refund at the bookstore.
An electronic textbook is included with MyMathLab.

A *graphing* calculator is required; a TI-83, TI-83 Plus, TI-84 Plus, or TI-86 is strongly recommended. Calculators can be used during exams with the exception of those calculators with symbolic manipulation capabilities (e.g., TI-89, TI-92). Cell phones cannot be used as calculators during exams.

There is a solutions manual available at the SCF bookstore.

You will need to purchase an instructional software package to do required homework problems. Your online section requires all students to use the instructional software package called *MyMathLab.* You are required to buy the MyMathLab software either at the college bookstore or online at www.CourseCompass.com. Do not open any packages unless you are certain you have the correct materials. Open packages will not receive full refund at the bookstore. Use your SCF email as the contact email when you register for MML.

Technical support for MyMathLab is available at http://247pearsoned.custhelp.com. For fast assistance, choose chat to “talk” to a technical support person. Students can also call 1-800-677-6337 for assistance from Pearson or ask their instructor or inquire at the Academic resource center.

MyMathLab is the central location for this course. You must log in at least once each week to participate in weekly homework assignments, online quizzes, and view class announcements. Failure to do so could result in missed due dates, missed homework or quizzes, or withdrawal from the course.

The Course ID for this course is *pierre44136.* You are strongly encouraged to start working on the assignments before the first day of class.

There will be one midterm and a required comprehensive final examination. NO MAKE-UP EXAMS WILL BE GIVEN.
GRADING: Your grade in the course is determined by the percentage of points earned during the semester. A grade of 60% or better must be earned on the final exam in order to pass the course.

<table>
<thead>
<tr>
<th>POINTS</th>
<th>SCALE</th>
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<tbody>
<tr>
<td>Midterm</td>
<td>300</td>
</tr>
<tr>
<td>4 Online Quizzes</td>
<td>200</td>
</tr>
<tr>
<td>Homework</td>
<td>200</td>
</tr>
<tr>
<td>Final Exam (cumulative)</td>
<td>300</td>
</tr>
<tr>
<td>Total</td>
<td>1000</td>
</tr>
</tbody>
</table>

GORDON RULE: This course meets the Florida State Board of Education Rule Number 6A-10.30. For the purpose of this rule, a grade of “C” or better shall be considered successful completion.

ATTENDANCE: All late arrivals, early departures and absences must be discussed and cleared with the instructor. More than 3 hours of unexcused absences or excessive tardiness may result in your withdrawal from the course.

WITHDRAWAL: In accordance with the State College of Florida policy, as stated in the college catalog, students may withdraw from any course, or all courses, without academic penalty, by the withdrawal deadline listed in the State College of Florida academic calendar. This semester, the withdrawal date is July 9, 2012. Students should take responsibility to initiate the withdrawal procedure but are strongly encouraged to talk with their instructors before taking any withdrawal action. In addition, students should note that faculty may also withdraw students for violating policies, procedures or conditions of the class, as outlined in individual class syllabi, and such action could affect financial aid eligibility.

ELECTRONICS POLICY: Cell phone etiquette must be observed: In-class usage is restricted to emergency situations. Cell phones are not allowed to be used during tests, not even as a calculator. Inform the instructor before class of any extenuating circumstances. Electronic devices as iPods, Blackberries, etc are not permitted to be used or worn in class.

MISCONDUCT: Students are required to adhere to statements regarding student misconduct outlined in official State College of Florida publications including the Catalog and the Student Handbook. The minimal consequence of failure to adhere to these statements is withdrawal from the course.

ANGEL ACCESS: You are already enrolled in the ANGEL account for this course. You can access ANGEL through SCF Connect (https://portal.scf.edu/cp/home/displaylogin) using your regular User ID and Password. This Syllabus will be posted in ANGEL, and detailed instructions for enrolling in MyMathLab will be posted in ANGEL under the “Lessons” tab. However, ANGEL may not be used during the rest of the semester, as all assignments are located in MyMathLab. Some lesson material may be available in Angel. Students should not contact the instructor through ANGEL - instead, send e-mails to pierred@scf.edu

E-MAIL: You must use your SCF e-mail account and check your e-mail regularly (at least four times a week is recommended). You can expect to receive weekly e-mails from me with pertinent course information such as assignment updates, study tips, and course instructions. It is your responsibility to make sure you receive these e-mails - if you do not appear to be receiving e-mails, contact your instructor immediately. All e-mail replies must be sent from your SCF e-mail address. They must be written using correct English structure, grammar and punctuation and be signed with your first and last name. Additionally, the course name, MAC 1105 - Online, should be included on the subject line of the e-mail. Please do not e-mail your instructor through ANGEL. Students can typically expect to receive a reply within 24 hours, M-F.

For purposes of communication, use your SCF email as the contact email when you register for MML.

COURSE FORMAT: This is an online course requiring submission of online homework and quizzes. It is NOT self-paced. You will be learning through the use of the textbook, course notes, and MyMathLab software. You will work outside class to complete the course material as outlined in the attached schedule and come to the campus (or a pre-approved testing center) to take traditional pencil and paper exams. The instructor will interact with students throughout the course and assess all assignments.
REQUIRED INITIAL ASSIGNMENT: In accordance with US Department of Education guidance regarding class participation, The State College of Florida requires that all students complete an orientation and submit their required Week 1 assignments within each course(s) during the first 8 calendar days of class. The first calendar day of class is the official start date of the course as posted on the course syllabus. Assignments submitted prior to the official start date will not count toward your participation. Financial Aid cannot be released without class participation as defined above. Students who have already taken, and successfully completed, at least one or more class(es) with The State College of Florida will be dropped ONLY from any class(es) in which they are not participating. If you have any questions about your assignments, or you are unable to complete your assignments, please contact your instructor.

To be a student in this course, you must complete the Orientation Assignment.

The software must be purchased and you must be registered in MyMathLab by the eighth day of the semester. If you are not registered and active in MyMathLab by the eighth day of the semester you will be dropped from the course as a no show. Students who fail to complete the assignment by the due date will be marked as a no-show and dropped from the course.

Use your SCF email as the contact email when you register for MML.

TESTING: There will be one midterm exam (5/31) and a required final exam (6/18). There will be four online quizzes in this class. All exams are at 3:00pm in Building 27 Room 105 on the Bradenton campus. NO MAKE-UP EXAMS WILL BE GIVEN. Make-up exams are not allowed under any circumstance. In the event that you miss an exam, your final exam will be worth more of your overall course grade.

You must bring an approved graphing calculator, pencils, and your student ID card or driver’s license. Students cannot share calculators or use a cell phone as a calculator during exams!

For students with time/location conflicts: Any deviations from the testing dates, times and location must be approved from your instructor in advance. If you are not able to attend the on-site testing sessions, you must make an appointment with the SCF Testing Center or find an approved testing center. Contact your instructor with the necessary information for sending the test to the testing center at least one week prior to the exam. Please be aware that most independent testing centers will charge for proctoring services. Regardless of location, you must still take the exam on the same date as the rest of the class.

Test Results: Test results will be posted in the MyMathLab gradebook. If you want your test returned, please bring a stamped, self-addressed envelope to the exam so that your instructor can mail it to you. Otherwise, you may arrange to pick up the exam in your instructor’s office or get it back at the next exam. Final exams are not returned.

REQUIRED INITIAL ASSIGNMENT: Students who fail to complete all parts of the Required Initial Assignment by the due date will be marked as a no-show and dropped from the course.

In accordance with US Department of Education guidance regarding class participation, The State College of Florida requires that all students complete an orientation and submit their required Week 1 assignments within each course(s) during the first 8 calendar days of class. The first calendar day of class is the official start date of the course as posted on the course syllabus. Assignments submitted prior to the official start date will not count toward your participation. Financial Aid cannot be released without class participation as defined above. Students who have already taken, and successfully completed, at least one or more class(es) with The State College of Florida will be dropped ONLY from any class(es) in which they are not participating. If you have any questions about your assignments, or you are unable to complete your assignments, please contact your instructor at pierre44136@scf.edu.
LESSON PROCEDURES:  
Weekly assignments will typically be due each Monday at 11:59 pm Eastern Time, unless otherwise specified. Every week, sections are assigned according to the Syllabus calendar. For each assigned section:

1. Read the section in the Textbook.
2. Watch the Lecture Videos for the section in MyMathLab.
3. Complete the Homework in MyMathLab. Homework assignments will count toward your course grade.

Remember to utilize any Help buttons when you run into a difficult homework problem.

HOMEWORK:  
Doing homework is a critical part of learning mathematics. Assignments are provided through the MyMathLab software. The online homework will have impact on your course grade. Assignments will typically be due each Monday at 11:59 pm, unless otherwise noted. Online homework is required and counts for 200 points toward your course grade.

- Students often find it helpful to print the homework assignments, work out problems using pencil and paper, and then enter the answers in MyMathLab. This gets students into the habit of showing work on paper, to prepare them for proctored tests.
- The Optional Textbook Exercises listed below on the calendar also provide you with the opportunity to work problems away from the computer, which helps you to prepare for the paper and pencil exams. These will not be handed in for a grade, and it is up to you to decide how much extra practice you need.
- You are allowed to continue to work a Similar Problem for each homework problem. Click on the Help Me Solve This or Show Me An Example buttons if you are struggling with a problem. Click on "Similar Problem" to work a problem again, either to get it right or to practice. If you are still stuck, click “Ask Your Instructor” and include a specific question (include the question number, and work you've tried so far). You may also practice similar problems in your Study Plan.

There will be a MyMathLab homework assignment due for every textbook section covered. The due dates are listed in the Syllabus calendar as “Forum: mm/dd.”

QUIZZES:  
Four online timed 120 minutes quizzes, each worth 50 points toward your course grade, will be assigned through the MyMathLab software. You will be allowed three submissions on each to account for any technical issues. To prepare for these quizzes, students can (1) complete the Quiz Reviews in the Course Notes and/or (2) review previously completed Homework assignments for practice in MyMathLab without penalty to their grades.

- From the time that you click on the Quiz, you will have 2 hours to submit your completed answers. Do not click on the quiz unless you are prepared to take it at that time.
- Unlike your Homework, you should answer all questions and then click “Submit.” After that, you will be given the chance to submit a second time to allow for any corrections that might need to be made because of MML formatting issues.

EXAMINATIONS:  
There will be one midterm, and a required comprehensive final exam given in class during the scheduled departmental final exam period. Students will take all exams in person at the Bradenton Campus on the dates, times, and locations listed below in the Syllabus schedule. What you must bring: calculator, pencil/pen, and student ID card and driver’s license. Students cannot use a cell phone as a calculator during exams!

For students with conflicts: If you cannot attend an on-site test session, you must find a proctored testing center in your area and contact your instructor with the necessary information for sending the test to the testing center at least one week prior to the exam. Please be aware that most independent testing centers will charge for proctoring services. Regardless of the location, you must still take the exam on the same date as the rest of the class.

NO MAKE-UP EXAMS WILL BE GIVEN after the test date for any reason. The final exam score can replace a zero for the missed test.

TEST RESULTS:  
Test results will be posted in the MML gradebook. Please bring a stamped, self-addressed envelope to the exam so that your instructor can return your test to you. Otherwise, you may pick up the exam in your instructor’s office or get it back at the next exam. Final exams are not returned.

Course ID for access to MyMathLab: pierre44136
ATTENDANCE: Since this is an online course, attendance will be measured by completion of MML assignments as well as sitting for tests.
- During the first week of class, student attendance will be measured by completion of all parts of the Required Initial Assignment (described above).
- After the first week, students must display weekly activity in MML (i.e., complete homework problems every week) and sit for all tests. Students who are inactive for two weeks are subject to withdrawal from the course.

MISCONDUCT: Students are required to adhere to statements regarding student misconduct outlined in official State College of Florida publications including the Catalog and the Student Handbook. The minimal consequence of failure to adhere to these statements is withdrawal from the course.

ACCOMMODATION SERVICES: State College of Florida, Manatee-Sarasota, in accordance with the Americans with Disabilities Act, will provide classroom and academic accommodations to students with documented disabilities. If you need to request an accommodation in this class due to a disability, or you suspect that your academic performance is affected by a disability, please see your instructor or contact the Disability Resource Center (DRC). The DRC is located in 300-326 on the Venice campus and in the Student Services Center (01-219) on the Bradenton campus. The phone number is 941-408-1448 x61448 (TTY 941-480-3420) on the Venice campus and 941-752-5295 x65295 (TTY 941-751-8179) on the Bradenton campus.
**Tentative Academic Calendar Summer A 2012**

<table>
<thead>
<tr>
<th>Week</th>
<th>Sections Covered</th>
<th>Topics Covered</th>
<th>Suggested Homework Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>Orientation 1.1 1.2 1.3 1.4 1.5</td>
<td>Initial Requirement, 5/15/12 Graphs and Graphing Utilities Linear &amp; Rational Equations Models and Applications Complex Numbers Quadratic Equations</td>
<td>Bradenton 137, 2:00 - 3:00 pm MyMathLab exercise assigned p. 97 1-28 o; p. 112 1-80 o p. 126 1-74 o p. 135 1-54 o p. 152 1-108 o, 131-148 o</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>Quiz 1 - online 1.6 1.7</td>
<td>Other Types of Equations Linear &amp; Abs. Value Inequalities Quiz 1 - online Basic Functions &amp; Their Graphs Linear Functions and Slope More on Functions and Slope More on Slope Transformation of Functions</td>
<td>p. 168 1-84 o, 105-116 o p. 185 1-94 o, 103-133 o p. 191 1-126 all p. 210 1-92 o, 99-108 o p. 223 1-99 o p. 239 1-72 o, 87, 89 p. 250 1-30 o p. 266 1-128 o</td>
</tr>
<tr>
<td>M 5/21 – R 5/24</td>
<td>Quiz 2 - online Midterm Exam 2.6 2.7 2.8</td>
<td>Composition of Functions Inverse Functions Distance Formula and Circles Quiz 2 - online Thursday, 05/31, 3:00pm Bradenton bldg 27 Room 105 Quadratic Functions Polynomial Fns &amp; their graphs Rational Fns &amp; Their Graphs</td>
<td>p. 279 1-100 o p. 290 1-69 o, 76-86 o p. 300 1-64 o p. 304 1-105 all</td>
</tr>
<tr>
<td><strong>3</strong></td>
<td>*M 5/28 – R 5/31 *College Closed for Memorial Day 3.1 3.2 3.5</td>
<td></td>
<td>p. 324 1-44 o, 57-73 o p. 338 1-64 o p. 380 1-78 o, 89-97 o</td>
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<tr>
<td><strong>4</strong></td>
<td>Quiz 3 - online 3.6 4.1 4.2 4.3 4.4 4.5</td>
<td>Polynomial &amp; Rational Inequalities Quiz 3 - online Exponential Function Logarithmic Functions Properties of Logarithms Exponential &amp; Logarithmic Eqns Exponential Growth &amp; Decay</td>
<td>p. 391 1-60 o p. 407 54-76 all p. 420 1-76 o, 81 p. 434 1-119 o p. 445 1-103 o p. 456 1-118 o; p. 475 1-88 all p. 469 1-34 o</td>
</tr>
<tr>
<td><strong>5</strong></td>
<td>Quiz 4 - online Review for Final 5.1 5.5 5.6</td>
<td>Systems of Linear Eqns in 2 vars Systems of Inequalities Linear Programming Quiz 4 - online Review for Final</td>
<td>p. 492 1-84 o p. 537 1-86 o p. 545 1-23 o p. 549 1-11 all, 39-61 all <a href="http://www.scf.edu/pages/501.asp">http://www.scf.edu/pages/501.asp</a></td>
</tr>
<tr>
<td><strong>6</strong></td>
<td>Final Exam</td>
<td>Thursday, 06/18, 3:00pm Bradenton bldg 27 Room 105</td>
<td></td>
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<tr>
<td>M 6/18 – W 6/20</td>
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<tr>
<td><strong>Note:</strong> Saturday, June 9th is the last day to withdraw without academic penalty (no refund).</td>
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