Math Lab Hours: [http://scf.edu/StudentServices/AcademicResourceCenter/default.asp](http://scf.edu/StudentServices/AcademicResourceCenter/default.asp)

Course ID for access to MyStatLab: dwyer

Orientation: Wednesday, 8/22 3:30-5 PM, Building 27, Rm. 137
Midterm: Wednesday, 9/12 3:30-5:30 PM, Building 27, Rm. 137
Final: Wednesday, 10/10 3:30-5:30 PM, Building 27, Rm. 137

**COURSE DESCRIPTION**
This course meets Area II requirements for both the A.A. and the A.S. general education requirements. This course is a study of elementary statistics topics including normal and binomial distributions, measures of central tendency and variation, confidence intervals, hypothesis testing, sampling techniques, simple linear regression, correlation and nonparametrics. Course performance standards are available in the mathematics labs and online at [http://www.scf.edu/content/Docs/CouPerSta/STA2023.doc](http://www.scf.edu/content/Docs/CouPerSta/STA2023.doc).

**COURSE MATERIALS**


*Calculator:* A graphing calculator is required; the TI-83/TI-83 Plus or TI-84 Plus is strongly recommended. Please be aware that the TI-86 calculator does not include many of the functions that are required for this class. Calculators can be used during exams with the exception of those calculators with symbolic manipulation capabilities (e.g., TI-89, TI-92).

*Instructional Software:* 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 MyStatLab. You are required to purchase the MyStatLab software (available at the college bookstore or online at [http://pearsonmylabandandmastering.com/](http://pearsonmylabandandmastering.com/) ) An online version of the textbook is available as part of the MyStatLab software, the purchase of a physical textbook is not required.

**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 and MyStatLab. You will work online 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.

**COMMUNICATION**
You must have an SCF email account and check your email regularly. For any personal concerns, please speak to the instructor in class or email at dwyerc@scf.edu. For questions on homework or general course concerns, please post in the appropriate discussion board.

**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. For this class, the withdrawal date is September 21st, 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.

**ATTENDANCE POLICY** Since this is an online course, attendance will be measured by completion of MyStatLab assignments as well as sitting for exams.

During the first week of class, student attendance will be measured by completion of all parts of the Required Initial Assignment (described below).

After the first week, students must display weekly activity in MyStatLab (i.e. complete homework, quizzes, and tests each week) and sit for all exams. Students who are inactive for any one week are subject to withdrawal from the course.

**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 5 calendar days of class. The first calendar day of class is the official start date of the course as posted on the course syllabus. 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 Quiz** in MyStatLab by Friday, August 24th or you will be dropped from the course as a no show.

**LESSON PROCEDURES**

Weekly assignments will typically be due each Tuesday at 11:59 pm, 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. Complete the multimedia lesson for the section in MyStatLab.
3. Complete the **Homework** (under the Homework tab on the left side of the screen). Homework assignments will count toward your course grade. Remember to utilize any Help buttons when you run into a difficult homework problem.

**HOMEWORK**

Homework assignments are available in MyStatLab. Each homework assignment is due on a Tuesday at 11:59 PM. If you do not finish your assignment by the due date, you may continue to work on it for partial credit.

**DISCUSSIONS**

There is a discussion board available for you to ask questions about homework problems and concepts. You must make at least nine posts throughout the semester. Your post may either be a question you have about the material or it may be a response to another student’s question. Each post is worth 10 points. The post must be substantial to earn course credit.

**QUIZZES**

There will be one online orientation quiz worth 10 points. There will also be six online timed 1-hour quizzes, each worth 50 points toward your course grade, that will be assigned through the MyStatLab software. You will be allowed two submissions on each.

**EXAMINATIONS**

There will be an on-campus, paper and pencil midterm and final exam. **NO MAKE-UP EXAMS WILL BE GIVEN.** The midterm is on Wednesday, September 12th. The final exam is on Wednesday, October 10th. Both exams are at 3:30 PM in room 27-137 on the Bradenton campus.
For students with time/location conflicts: If you are not able to attend the on-site testing sessions, you must make an appointment with the SCF Testing Center or find a 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 location, you must still take the exam on the same date as the rest of the class.

Make-up Exams: Make-up exams are not allowed under any circumstances.

Test Results: Test results will be posted in the MyStatLab gradebook. Please bring a stamped, self-addressed envelope to the exam so that your instructor can return your test 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.

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 proctored final exam in order to pass the course.

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
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<tbody>
<tr>
<td>Orientation Quiz</td>
<td>10</td>
</tr>
<tr>
<td>6 Online Quizzes</td>
<td>300</td>
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<tr>
<td>Discussion</td>
<td>90</td>
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<tr>
<td>Homework</td>
<td>200</td>
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<tr>
<td>Midterm</td>
<td>200</td>
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<tr>
<td>Final Exam</td>
<td>200</td>
</tr>
<tr>
<td>Total</td>
<td>1000</td>
</tr>
</tbody>
</table>

90 – 100% = A
80 – 89% = B
70 – 79% = C
60 – 69% = D
< 60% = F

TECHNICAL SUPPORT

Help for MyStatLab is available at http://247pearsoned.custhelp.com. For fast assistance, choose chat to “talk” to a technical support person.

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 me 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 Ext # 61448 (TTY 941-480-3420) on the Venice campus and 941-752-5295 Ext # 65295 (TTY 941-751-8179) on the Bradenton campus.

STANDARDS OF CONDUCT

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.

ELECTRONICS POLICY

Cell phones may not be used during tests, not even as a calculator. Electronic devices, such as iPods, Blackberries, etc. are not permitted to be used or worn during tests. During tests, cell phones must be turned off completely (not on silent). Any use of a cell phone during an exam may result in a minimum penalty of an F for that test.
<table>
<thead>
<tr>
<th>Week</th>
<th>Sections Covered</th>
<th>Topics Covered</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong> M 8/20 – F 8/24</td>
<td><strong>Orientation Quiz</strong> 1.1, 1.3, 1.4, 2.1, 2.2, 2.3, 3.1, 3.2 <strong>Online Quiz 1</strong></td>
<td><strong>Sections 1.1-3.2</strong> Sampling, Summarizing Data, Analyzing Data</td>
<td>Orientation Quiz: 8/24, 11:59 PM</td>
</tr>
<tr>
<td><strong>2</strong> M 8/27 – F 8/31</td>
<td>3.4, 3.5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 <strong>Online Quiz 2</strong></td>
<td><strong>Sections 3.4-5.6</strong> Analyzing Data, Probability</td>
<td>Homework: 9/4, 11:59 PM</td>
</tr>
<tr>
<td><strong>3</strong> <strong>M 9/3 – F 9/7</strong> <strong>Labor Day Holiday – College Closed</strong></td>
<td>6.1, 6.2, 7.1, 7.2, 7.3, 7.5 <strong>Online Quiz 3</strong></td>
<td><strong>Sections 6.1-7.5</strong> Discrete Distributions, Normal Distribution</td>
<td>Online Quiz: 9/12, 11:59 PM</td>
</tr>
<tr>
<td><strong>4</strong> M 9/10 – F 9/14</td>
<td>Review <strong>Midterm</strong> 8.1, 9.1, 9.2, 9.4</td>
<td><strong>Sections 1.1-7.5</strong> Central Limit Theorem, Confidence Intervals</td>
<td>Midterm: 9/12, 1-3 PM Room 27-137, Bradenton</td>
</tr>
<tr>
<td><strong>5</strong> M 9/17 – F 9/21*</td>
<td>10.1, 10.2, 10.3, 10.5 <strong>Online Quiz 4</strong></td>
<td><strong>Sections 8.1-10.5</strong> One Sample Hypo Testing</td>
<td>Homework: 9/25, 11:59 PM</td>
</tr>
<tr>
<td><strong>6</strong> M 9/24 – F 9/28</td>
<td>11.1, 11.2, 11.3, 11.5, 4.1, 4.2 <strong>Online Quiz 5</strong></td>
<td><strong>Sections 11.1-4.2</strong> Two Sample Hypo Testing, Linear Correlation</td>
<td>Homework: 10/2, 11:59 PM</td>
</tr>
<tr>
<td><strong>7</strong> M 10/1 – F 10/5</td>
<td>4.3, 14.1, 12.2, 15.1 <strong>Online Quiz 6</strong></td>
<td><strong>Sections 4.3-15.1</strong> Linear Correlation, Test for Independence, Nonparametric Statistics</td>
<td>Homework: 10/9, 11:59 PM</td>
</tr>
<tr>
<td><strong>8</strong> M 10/8 – F 10/12</td>
<td>Review <strong>Final</strong></td>
<td></td>
<td>Online Quiz 10/10, 11:59 PM</td>
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</table>

*Friday, 9/21, last day to withdraw without academic penalty (no refund).

**Friday, 10/5, Faculty/Staff Development Day – no day classes or academic support labs. Classes scheduled 4 pm and later will meet as usual.