Instructor:    Dr. James A. Condor
Office:     27-129/ Bradenton Campus
Office Hours:       MTWR    2:00pm - 3:00pm
Phone:        941-752-5496
e-mail:        condorj@scf.edu
website:       http://faculty.scf.edu/condorj/STA2023/Sta2023.htm
Math Office Phone:  941-752-5224

Academic Resource Center Information:
http://scf.edu/StudentServices/AcademicResourceCenter/default.asp

Course ID for access to MyMathLab: condor20499

Registering for MyMathLab video link.
http://mediaplayer.pearsoncmg.com/_640x480/long/mysearchlab/registration_videos/mylabs_registration_v5.m4v

On-Campus Meetings:   Monday 5:30pm - 6:50pm, 5-14, 5-21, 5-29, 6-4, 6-18, and 6-25.

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.

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 online at http://www.scf.edu/content/Docs/CouPerSta/STA2023.doc and in the Academic Resource Center.

PREREQUISITES MAT 1033 or equivalent. 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.

COURSE FORMAT This is a distance learning, online course requiring submission of online assignments and proctored testing. It is NOT self-paced. You will be learning through the use of a textbook, course handouts, and MyMathLab software. You will work outside of a classroom to complete the course material as outlined in the attached schedule and come to the Bradenton campus or a pre-approved testing center to take traditional pencil and paper exams. As a result you will be able to complete academic work in a flexible manner. An instructor will interact with the students throughout the course and assess all assignments.
COURSE TEXTBOOK

Statistics: Informed Decisions Using Data, 3rd Edition by Michael Sullivan, III. An electronic version of the textbook is included with the MyMathLab software that is required for the course. Students are not required to buy a hardcover copy of the textbook.

COURSE MATERIALS

Calculator

A calculator with a complete set of elementary statistical functions is required; the TI-83/TI-83 Plus or TI-84 Plus is strongly recommended. An approved statistical calculator will be needed to complete course assignments and exams. Calculators with symbolic manipulation capabilities (e.g., TI-89, TI-92, TI-Inspire) will not be allowed during exams.

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 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.

TECHNICAL SUPPORT

Help 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.

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 (due 72 hours after the drop/add period). 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.

The required assignments for this online elementary statistics course are

1) registering at CourseCompass and purchasing the MyMathLab software
2) completing the week 1 homework assignments in MyMathLab.

The software must be purchased and you must be registered in CourseCompass by the eighth day of the semester(due 72 hours after the drop/add period). If you are not registered and active in MyMathLab by then you will be dropped from the course as a no show.
There will be four unit exams and a required final exam. The unit exams are on Mondays 5:30pm - 6:50pm, 5-21, 5-29, 6-4, and 6-18. The final exam is on Monday, June 25 5:30pm - 6:50pm. All exams are in Building 27 room 132 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 exams. 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.

**WEEKLY PROCEDURE**

Weekly assignments will typically be due each Monday at 5:30 pm, unless otherwise specified. Every week, sections are assigned according to the tentative schedule on the syllabus. For each assigned section:

1. Read the assigned section in the course textbook (hardcover or e-text).
2. Watch the Lecture Videos for the section in MyMathLab.
3. Complete the homework in MyMathLab. Homework assignments will count toward your course grade.
4. Complete weekly communication assignments such as Discussions, Ask the Instructor, or Technology Projects.
GRADING

Your grade in the course is determined by the total number of points earned during the semester. **You must earn a 60% or higher on the final exam to pass the course.**

<table>
<thead>
<tr>
<th>Points</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Unit Exams</td>
<td>240</td>
</tr>
<tr>
<td>Online Projects</td>
<td>70</td>
</tr>
<tr>
<td>MyMathLab Homework</td>
<td>30</td>
</tr>
<tr>
<td>Final Exam</td>
<td>120</td>
</tr>
<tr>
<td>Other</td>
<td>40</td>
</tr>
<tr>
<td>Semester Total</td>
<td>500</td>
</tr>
</tbody>
</table>

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

COMMUNICATION

Students are responsible for maintaining contact with the instructor and checking their SCF e-mail regularly. Students must use their SCF e-mail address in all correspondence with the instructor. E-mail is one of the main means of communication used in an online course. Your instructor will send you regular e-mails with course information or post that information to an electronic Announcement Board. It is your responsibility to make sure you receive this information. If you do not appear to be receiving e-mails, contact your instructor immediately. All e-mails must be written using correct English structure, grammar and punctuation and be signed with your first and last name. Additionally, the course name, STA2023_Online, should be included on the subject line of the e-mail. Do not e-mail your instructor through ANGEL. Students can typically expect to receive a reply within 24 hours, M-F. All files must be a Microsoft Word file using the extension .docx. Do not send compressed files. For questions on homework or general course concerns, you can use e-mail, the Ask the Instructor option in MyMathLab, or 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. This semester, the withdrawal date is **June 9, 2012.** Students should take responsibility to initiate the withdrawal procedure but are strongly encouraged to talk with their instructors before withdrawing from the course. 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 or if they have been inactive in the course for two weeks. Such action could affect financial aid status.
**ELECTRONICS**

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

**MISCONDUCT**

Students are required to adhere to the Student Code of Conduct as outlined in official State College of Florida publications including the Catalog and the Student Handbook and Planner. Violations of any Student Codes of Conduct may result in a disciplinary sanction. These sanctions can be found on pages 110-111 in the Student Handbook and Planner.

**ACCOMODATION 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.
Tentative Academic Calendar for Summer A 2012  
Course: STA 2023 Distance Learning

<table>
<thead>
<tr>
<th>Week</th>
<th>Sections Covered</th>
<th>Topics Covered</th>
<th>Suggested Course Activities</th>
</tr>
</thead>
</table>
| 1    | M 5/14 – R 5/17  | Orientation on 5-14 at 5:30, course 27-132 | Orientation  
Course Intro, variables, and sampling.  
Organizing and summarizing data.  
Measures of central tendency, variation and position.  
Boxplots  
MyMathLab homework Unit 1 Calculator Activities  
Project 1 Unit 1 Review Unit 1 Formative Guide |
| 2    | Exam 1 M 5/21 – R 5/24 | Exam 1 is on 5-21 at 5:30pm in room 27-132 | MyMathLab Homework Unit 2 Calculator Activities  
Project 2 Unit 2 Review Unit 2 Formative Guide |
| 3    | Exam 2 M 5/28 – R5/31 *5/28 College is Closed for Memorial Day | Exam 2 is on 5-29, at 5:30pm in room 27-132.  
The Normal Distribution.  
Applications of the Normal Distribution.  
Sampling distributions.  
Confidence intervals.  
MyMathLab homework Unit 3 Calculator Activities  
Project 3 Unit 3 Review Unit 3 Formative Guide |
| 4    | Exam 3 M 6/4 – R 6/7 **S 6/9 – last day to withdraw | Exam 3 is on 6-4 at 5:30pm in room 27-132  
One-sample mean hypothesis testing.  
One-sample proportion hypothesis testing.  
MyMathLab Homework Unit 4 Calculator Activities  
Project 4 |
| 5    | M 6/11 – R 6/4  | Hypothesis testing power.  
Two-sample mean, independent and dependent hypothesis testing.  
Two-sample proportion hypothesis testing.  
MyMathLab Homework Unit 4 Review Unit 4 Formative Guide |
| 6    | Exam 4 M 6/18– W 6/20 | Exam 4, 6-18 at 5:30pm in room 27-132  
Scatter diagrams, correlation, and regression  
Regression and hypothesis testing.  
Chi-square goodness-of-fit test.  
Chi-square test of independence.  
Non-parametric tests.  
MyMathLab Homework Unit 5 Calculator Activities  
Project 5 Project 6 Unit 5 Review |
| M-6/25 | Final Exam, 6-25 from 5:30p - 7:30p in room 27-132 |
| T 6/26 | Final Grades for Summer A Classes Due at 12:00 noon |

** Saturday, 6/9, last day to withdraw without academic penalty (no refund)