

Business Statistics - STAT2040

Course Syllabus – Summer 2011

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Class: Section 40 Online

Text: no required text - optional text: Elementary Statistics Using Excel, by Mario Triola (outdated edition is OK - the older 1st edition only costs \$10-\$20 if you find it used). The text may be used for supplemental practice problems only as needed.

COURSE DESCRIPTION: This course is designed for non-math majors and focuses on the basics of statistics that all students must understand in order to be an effective citizen, employee, and family manager. The course covers those areas that are commonly encountered across all disciplines.

COURSE OBJECTIVES: To provide students with knowledge of the fundamental purposes and uses of statistics in everyday and professional life. Students will develop their math skills related to statistics as they complete assignments. Course objectives include:

- Introduction to statistics - purpose and use
- Describing, exploring and comparing data
- Probability and distributions
- Confidence Intervals and sample sizes
- Hypothesis testing
- Correlation and regression
- Analysis of variance

GRADING: Grades will be based on your performance on eight examinations plus a comprehensive final exam.

Final grade computation will be as follows:

Exams (8 X 100 points) = 800 points

Final Exam = 200 points

TOTAL = 1000 points

Grades will be assigned according to the following scale:

A = 93.0 - 100%

A- = 90.0 - 92.9%

B+ = 87.0 - 89.9%

B = 83.0 - 86.9%

B- = 80.0 - 82.9%

C+ = 77.0 - 79.9%

C = 73.0 - 76.9%

C- = 70.0 - 72.9%

D+ = 67.0 - 69.9%

D = 63.0 - 66.9%

D- = 60.0 - 62.9%

The key to doing well on the exams is to practice, practice, practice. Statistics is more than knowledge; it is a skill that is only obtainable through consistent use and practice. Although there are no graded homework assignments, the text is full of practice problems and I strongly suggest you go through them.

EXAM POLICY

The following conditions and rules apply to this course:

1. The exam deadlines are to help you progress at a pace necessary to complete the course on schedule. Exams may be taken early but the deadlines are firm.
2. All exams are available from the start of the course.
3. All exams are taken in the DSC Testing Center. Please email me at gowers@dixie.edu if this is not possible.
4. To take an exam you must access the class website and logon using your personal username and password. After you enter the class website, click EXAMS on the menu select the appropriate exam.

5. Next, you will be asked for a password. This is a special password that only the Testing Center can input. Violation of this procedure is cheating and will be dealt with accordingly.
6. You are only allowed to access the exam and Excel on the testing center computer. You are NOT ALLOWED to access any other websites, including the course website, during the exam. Also, no emailing or cell phone calls.
7. You ARE ALLOWED TO HAVE one 8-1/2 x 11 inch sheet of paper, front and back, of PERSONAL HANDWRITTEN NOTES (no machine printed or copied notes, or notes from other students) during the exam.
8. When you complete an exam and submit it, the computer will score your submission. The score will also be posted on Blackboard and you can see statistics related to each exam after the exam deadline has passed.
9. Any and all exam notes and scrap paper that you use for an exam MUST be turned into the testing center before you leave. YOU MUST NOT remove any material from the testing center that you used or created during the exam.

A good working knowledge of Excel is essential in order to succeed in this Statistics course. If you are unfamiliar or uncomfortable using Excel, I strongly suggest that you take a course in Excel BEFORE taking this course.

PRACTICE: Anyone can learn about statistics, but it requires practice. The more you practice the better you will do in this class. Even if you are really smart, if you do not practice you will NOT do well in this class.

ASSISTANCE: See the homepage of this course for information and schedules regarding an open lab. I also encourage you to form study groups. You should also check with the DSC Tutoring Center (652-7743) if you need help. I am available by appointment and am happy to help you understand concepts and/or work through problems.

CHEATING: Cheating will not be tolerated. Cheating is all forms of academic dishonesty **including telling others about questions on an exam**. Cheaters will be disciplined according to school policy.

DMAIL: Important class and college information will be sent to your Dmail email account. This information includes your DSC bill, financial aid/scholarship notices, notification of dropped classes, reminders of important dates and events as well as information critical to your success in this class and at DSC. All DSC students are automatically assigned a Dmail email account. If you don't know your user name and password, go to www.dixie.edu and select "Dmail," for complete instructions. **You will be held responsible for information sent to your Dmail email, so please check it often.**

DISABILITY: If you are a student with a physical or mental impairment and would like to request accommodations, please contact the Disability Resource Center (652-7516) in room 201 of the Student Services Center. The Disability Resource Center will determine eligibility for services based upon complete professional documentation. If you are deemed eligible, the Disability Resource Center will further evaluate the effectiveness of your accommodation requests and will authorize reasonable accommodations that are appropriate for your disability.