

Statistics through Example: STA 1013-09 – Spring 2016

Instructor: Josue Anaya

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Class time: T & R 2:00 pm – 3:15 pm, room HCB 207.

Office Hours: T & R 3:20 pm – 4:20 pm (or by appointment)

Prerequisites: None. **Credit Hours:** 3

Textbooks:

- Statistical Reasoning for Everyday Life by Bennett, Briggs, Triola **4th edition** 2013.

(Required)

Course Content: This course provides students with a background in applied statistical reasoning. Fundamental topics are covered including graphical and numerical description of data, understanding randomness, central tendency, correlation versus causation, line of best fit, estimation of proportions, and statistical testing. **Statistical thinking, relevant ideas, themes, and concepts are emphasized over mathematical calculation.** In this class students learn many of the elementary principles that underlie collecting data, organizing it, summarizing it, and drawing conclusions from it.

Grading: There will be two in-class tests (30%), homework assigned weekly (20%), in-class pop quizzes (15%), a special assessment assignment (5%), and a cumulative final exam (30%). Two of the lowest scored pop quizzes will be dropped and the lowest scored Test (not the final).

- **Test 1 – Wednesday February 11**
- **Special Assessment – Wednesday February 25**
- **Test 2 – Wednesday March 24**
- **Final – Thursday April 28 (7:30am-9:30am) @ HCB 207**

Note: Test 1 and Test 2 dates are subject to change based on class pacing.

Calculator: A scientific calculator or graphing calculator is required. Cell phones are not permitted as calculators during exams and quizzes. Calculator programs may not be used during exams and quizzes. If you are unsure about whether a specific calculator is allowed, please contact the instructor.

Note Sheet: One 8.5 in. x 11 in. sheet of paper is allowed to be used for all exams. This sheet must be turned in at the end of the exam. Handwriting and typing are both allowed on both sides of the sheet. Students are allowed to write any content (formulas, definitions, past example problems, etc.) on the formula sheet.

Exam & Quiz Policy: A student will be allowed to take a makeup test or quiz if they can provide an excused absence (religious holidays and deaths in the family are excusable) up to 72 hours after missed exam or quiz. The makeup exam or quiz will be given during the appropriate class office hours. **Unexcused absences** will result in a grade of zero for that test or quiz. **All students must be present for the final exam at the scheduled date and time.**

Special Assessment: An in class open-formula sheet special assessment covering Normal Distribution (Chapter 5). **Make ups for this assessment will only be held on the same week.**

Homework Policy: Homework will be assigned weekly from the text, will be collected at the start of lecture, and graded by the course instructor. Late homework will be penalized by a letter grade every day the homework is late.

Classroom Etiquette: Cell phones and other electronic devices must be turned off. Tardiness and leaving early is not acceptable conduct, however exceptions can be made if the course

instructor is notified about a situation ahead of time. **Students are expected to attend every class.**

Contact: If a student cannot attend office hours they can schedule a meeting through email. Emails after 10:00 pm will not be replied to or read until the morning of the next day. Always write your name and class section when sending an email.

Grading Appeal: A student will have a **week** to appeal or discuss the grading for an assignment after it has been posted on Blackboard. After that time if no complaints are voiced, then it is assumed that the grade is accepted.

Liberal Studies for the 21st Century:

Quantitative and Logical Claims

The *Liberal Studies for the 21st Century Program* at Florida State University builds an educational foundation that will enable FSU graduates to thrive both intellectually and materially and to support themselves, their families, and their communities through a broad and critical engagement with the world in which they live and work. Liberal Studies offers a transformative experience; this course has been approved as meeting the Liberal Studies requirements and thus is designed to help you become critical analyzer of quantitative and logical claims.

In order to fulfill the State of Florida's College mathematics and computation requirement the student must earn a "C" or better in the course.

University Attendance Policy: Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

Academic Honor Policy: Students are expected to uphold the Academic Honor Code published in The Florida State University Bulletin and the Student Handbook. The Academic Honor System of the Florida State University is based on the premise that each student has the responsibility (1) to uphold the highest standards of academic integrity in the student's own work, (2) to refuse to tolerate violations of academic integrity in the university community, and (3) to foster a high sense of integrity and social responsibility on the part of the university community.

Americans with Disabilities Act: Students with disabilities needing academic accommodation should; (1) register with and provide documentation to the Student Disability Resource Center; (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class. For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center,
Dean of Students Department
108 Student Services Building
Florida State University
Tallahassee, FL 32306-4167
(850)644-9566(voice),(850)644-8504(TDD)
SRDC@admin.fsu.edu,

This syllabus and other class materials are available in alternative format upon request.

Syllabus Change Policy: This syllabus is a guide for the course and is subject to change with advance notice.