MATH 2510: Introduction to Statistics
Section 300, Spring 2012

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Office Hours: Tu: 5-6pm and by appointment
Class Meeting: 6-9pm in ECCR 155

About the course: In MATH 2510 we will study elementary statistical measures, introduce common statistical distributions, statistical inference, and hypothesis testing. You are expected to have already mastered basic algebra skills. The prerequisite for this course is two years of high school algebra. If you have not mastered that material, Math 1011 (College Algebra) might be a more suitable course for you to take.

About the Text: The textbook, Understandable Statistics, (9th ed.) by Brase and Brase, is available in hardcover online. There is also an e-book edition that comes with your subscription to Aplia (required; see the homework section). Either is acceptable, but you must buy an Aplia subscription. Note that the e-book expires and will disappear after the course ends. If you want a permanent version, buy the paper copy as well.

Homework: You will have homework for every lecture. It will be a lot of work, but that’s how you learn math. We will be using an interactive online homework system called Aplia. You will need to purchase this homework package from http://www.Aplia.com. The homework will be posted at http://www.Aplia.com. Any homework not turned in on time will earn a grade of zero. However, your lowest two homework assignment grades will be dropped; the average of the remaining homework grades will account for $\frac{1}{4}$ of your semester course grade. If you give me a note from a medical or psychiatric doctor, on the doctor’s stationery or on the stationery of a hospital or clinic (like Wardenburg), signed by the doctor, and including dates (written-in by the doctor) on which you were too sick to do homework and/or come to class, or have a university sponsored excuse, I will give you an extension.

Midterm Exams: There will be two midterm exam given during class on

February 21st and April 3rd.

Write this down on your calendar NOW. Each midterm exam will count for $\frac{1}{4}$ of your semester course grade.

Final Exam: The final exam will be given in class on May 1st. The final exam WILL NOT be cumulative and will count for $\frac{1}{4}$ of your grade.

Calculators: You will need a scientific calculator for this course. Bring it every day; you will need it for the work in class, homework, and exams.

Semester Grades: Your semester grade will be determined by your homework ($\frac{1}{4}$), your two midterm exams ($\frac{1}{4}$ each), and and your final exam ($\frac{1}{4}$).

UMRC: The Help Lab (Undergraduate Mathematics Resource Center: UMRC) is located in Math 175 and is open Mon-Thurs 9am-5pm, and Friday 9am-2pm. You can get some free help there.

Testing Accommodations: If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200, and http://www.colorado.edu/disabilityservices.
If you have a temporary medical condition or injury, see guidelines at http://www.colorado.edu/disabilityservices/go.cgi?select=temporary.html
Disability Services’ letters for students with disabilities indicate legally mandated reasonable accommodations. The syllabus statements and answers to Frequently Asked Questions can be found at http://www.colorado.edu/disabilityservices.

Campus Policy Regarding Religious Observances: Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, please contact me about the religious obligation at least one week in advance and we will make arrangements for an alternate testing time or a homework extension. See full details at http://www.colorado.edu/policies/fac_relig.html.

Classroom Behavior: Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran’s status, sexual orientation, gender, gender identity and gender expression, age, disability, and nationalities. Class rosters are provided to the instructor with the student’s legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. See policies at http://www.colorado.edu/policies/classbehavior.html and at http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code

Student Conduct Code: Cell phones, pagers, music players, and all similar devices are to be turned off during all class sessions. Students may not listen to music, play games, browse the Internet, or engage in other activities not related to the course during class sessions. No electronic equipment of any kind other than your calculator will be permitted during midterm exams and the final exam. Treat others with respect. Be polite and attentive. For further details, see http://www.colorado.edu/studentaffairs/studentconduct/downloads/StudentConductPoliciesandProcedures.pdf

Academic Honesty: All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council, and those students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at http://www.colorado.edu/policies/honor.html and at http://www.colorado.edu/academics/honorcode.

 Discrimination and Harassment: The University of Colorado at Boulder Discrimination and Harassment Policy and Procedures, the University of Colorado Sexual Harassment Policy and Procedures, and the University of Colorado Conflict of Interest in Cases of Amorous Relationships policy apply to all students, staff, and faculty. Any student, staff, or faculty member who believes s/he has been the subject of sexual harassment or discrimination or harassment based upon race, color, national origin, sex, age, disability, creed, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Student Conduct (OSC) at 303-492-5550. Information about the ODH, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at http://www.colorado.edu/odh