

STAT 2411 – Statistical Methods Fall Semester 2009

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Office: SCC 72 **Office hours:** MW: 1 - 3:00, TH: 1-2:00, and by appointment

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Text: *Modern Elementary Statistics*, 12th Edition, Freund & Perles

Prerequisites: Math ACT of 23 or higher or C- or better in Math 1250 or higher

Course Content:

Graphical and numerical descriptions of data, elementary probability, sampling distributions, estimations, confidence intervals, one-sample and two-sample t-test.

Exams:

There will be 3 exams given during the semester during our regular class time. They will be announced at least one week ahead of time. A comprehensive final exam will be given during finals week. **Make-up exams are only allowed for a documented illness or University excused absence if prior arrangements are made.**

Homework:

Homework problems will be assigned at the end of each section. Your homework should follow the Department of Mathematics and Statistics minimum standards. **Late homework will not be accepted.** If you choose to skip class a day that hw is due, it will not be accepted unless it is turned in **before** class starts **to my office**. Your solutions must show your thought process, not just the answer. Answers without supporting work will not receive credit. You can discuss the assigned homework problems with other students in the class, but the write up of the solutions must be entirely your own work. Your lowest homework score will be dropped.

Grading:

Exam 1: 15% Exams 2 and 3: 20% each Final Exam: 25% Homework/in-class activities: 20%

Communicating Devices:

Cellular telephones and other communication devices, including iPods, are prohibited during class. Do **NOT** have them visible. Please inform me of any circumstance that may need special consideration. Having any communicating device out during a quiz or exam will be considered cheating and result in an immediate zero.

Student Academic Integrity Policy:

Academic dishonesty tarnishes UMD's reputation and discredits the accomplishments of students. UMD is committed to providing students every possible opportunity to grow in mind and spirit. This pledge can only be redeemed in an environment of trust, honesty, and fairness. As a result, academic dishonesty is regarded as a serious offense by all members of the academic community. In keeping with this ideal, this course will adhere to UMD's Student Academic Integrity Policy, which can be found at <http://www.d.umn.edu/assl/conduct/integrity>. This policy sanctions students engaging in academic dishonesty with penalties up to and including expulsion from the university for repeat offenders.

Student Conduct Code:

The instructor will enforce and students are expected to follow the University's Student Conduct Code (<http://www.d.umn.edu/assl/conduct/code>). Appropriate classroom conduct promotes an environment of academic achievement and integrity. Disruptive classroom behavior that substantially or repeatedly interrupts either the instructor's ability to teach, or student learning, is prohibited. Disruptive behavior includes inappropriate use of technology in the classroom. Examples include ringing cell phones, text-messaging, watching videos, playing computer games, emailing, or surfing the Internet on your computer instead of note-taking or other instructor-sanctioned activities.

Special Needs:

Individuals who have a disability, either permanent or temporary, which might affect their performance in this course, are encouraged to inform me at the beginning of the semester. Adaptation of methods, materials or testing may be arranged in order to meet your needs.