

## **MATH 130 Finite Math**

*Spring Quarter 2009*

*Daily, 9-9:50 am, Bouillon 144*

**Instructor:** Erin M. Lee, MAT

**Office:** Hertz 101B

**Office Hours:** M-Th @ 10 am (and by appt)

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### **Course Information...**

**Textbook**—*Finite Mathematics: Introductory Probability and Statistics* by Owen & Cutlip. [We will cover chapters 6-9.]

**Calculator**—You will need a scientific calculator for this course. Choose one that you are comfortable with—a simple scientific calculator (with at least the basic probability and statistical functions) will do as will anything more sophisticated. I will use a TI-83.

**Course Description**—This course is intended as an introduction to the fields of probability and statistics and is designed for students pursuing further studies requiring a background in descriptive statistics.

**Course Goals**—The successful student will be well-versed and proficient in applying the basic topics from probability and statistics. In particular, students completing the course will be prepared with the reasoning, analytical, and computational skills for quantitative areas of study such as the behavioral, managerial, and social sciences.

**Course Conduct**—It is expected that you will attend class daily. Learning the skills and concepts required to be successful in this class won't happen without regular effort on the part of the student. You are responsible for any material covered in class in addition to the material in the textbook. It is your responsibility to stay informed—if you miss class, ask your fellow students for notes, check the website for course details, and/or talk to me. Cell phones should be turned off during class (unless you'd like to favor us with a song) and electronic music devices should not be used. It is also expected that your presence will contribute to and never distract from the learning of others in the class.

### **Grading...**

You may expect homework on a daily basis. To keep the class moving, we will only use class time to answer homework questions from the previous section under study. Though I won't grade this work, it will prepare you for other assignments.

#### **Quizzes**

**25%**

You can expect a quiz on most Fridays. Other quizzes may be given at random to encourage attendance and participation. The intent of the quizzes is to motivate you to stay involved in the class, provide more frequent feedback on your progress with the material covered, and prepare you for the exams. Your lowest quiz score will be dropped so ***no make-ups will be allowed.***

**Exams****50%**

There will be an exam following each of the first 3 chapters covered in class. Dates will be announced. The exams will be similar in format to the quizzes.

**Final Exam****25%**

The final will be cumulative with an emphasis on the 4<sup>th</sup> and final chapter. It will be similar in format to the quizzes and previous exams.

Your grade in this class will be determined on the following scale:

|         |     |        |     |        |     |        |     |           |   |
|---------|-----|--------|-----|--------|-----|--------|-----|-----------|---|
| 93-100% | A   | 87-89% | B + | 77-79% | C + | 67-69% | D + | Below 60% | F |
| 90-92%  | A - | 83-86% | B   | 73-76% | C   | 63-66% | D   |           |   |
|         |     | 80-82% | B - | 70-72% | C - | 60-62% | D - |           |   |

**Important Dates:**

- Uncontested Withdrawal Deadline, May 15
- Memorial Day, May 25 (No Class)
- Final Exam, Tuesday, June 9, 8-10 am

***Please Note:***

Math is not a spectator sport. Watching me or classmates solve problems is not a substitute for making the effort to participate in class and complete homework assignments. You will be responsible for any material covered in class in addition to what is contained in your textbook.

I make every effort to ensure a positive learning environment for each student but it is your responsibility to take action if you are struggling in this class. We have a drop-in lab on campus which provides free assistance if you need extra help with concepts or assignments. I welcome questions and feedback from students and am willing to make accommodations where appropriate. If the situation warrants, you are also encouraged to speak to the chair of the math department, Aaron Montgomery. Be proactive.

If you have any requests to allow for special needs, let me know within the first 5 days of class. Students who have "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office and wish to have adjustments in this course should provide me with a copy of the form and discuss their needs with me. Students with disabilities without this form may contact the Disability Support Services Office, Bouillon 205, dahlberc@cwu.edu, or 963-2171.

***Policy for Late Work:***

As a general rule, I do not accept late work. If there are extenuating circumstances, please let me know and I will consider the merit of your plea. Due dates will be announced in advance so any foreseeable problems should be brought to my attention *before* the assignment is due. As noted above, there are no make-ups for quizzes.