MATH 130
Finite Math
Fall 2007, M-F
11-11:50am, Bouillon 144 12-12:50pm, Bouillon 111

Instructor: Jessica Giglio
Office: Hertz 222 **Office Hours:** MWF 2:30-4pm, and by appointment
Phone: 963-2330
E-mail: giglioj@cwu.edu (write MATH 130 and your class meeting time in the subject line)

COURSE INFORMATION

Textbook: *Finite Mathematics: Introductory Probability and Statistics* by Owen and Cutlip

Calculator: A scientific calculator with at least the basic probability and statistical functions is required for this class. If you are not sure about your calculator, check with me. I will be using a TI-83 in class.

Course Description and Goals: This course is intended as an introduction to probability and statistics. It meets the General Education "Basic Skills (d)" requirement, and it prepares students for introductory statistics courses in various departments, including the behavioral, managerial and social sciences. Topics include: introductory counting and probability, conditional probability and independence, random variables and probability distributions, and introductory descriptive statistics. This course will help you develop critical thinking skills and learn how to apply the basic principles of counting, probability, and statistics in quantitative decision making.

ASSIGNMENTS AND GRADING

Homework and Quizzes: Suggested homework assignments will be given to help you practice new skills, but this homework will not be collected. However, many quiz and test questions will be very similar to homework problems and/or examples given in class. I will take some time at the beginning of each class session to answer questions on the homework. **Five** quizzes will be given throughout the quarter, and you may **drop your lowest score**.
Quizzes are worth 25 points each, for a total of 100 points.

Projects: You will do **two** projects during the quarter. You will spend one full class day working on each project in groups, and then finish and write it up on your own later. The projects will involve some critical thinking and writing in addition to using mathematical concepts. You will be graded on in-class participation, mathematical accuracy, clarity, and readability. The tentative dates for the in-class portions of the projects are October 2 and November 7.
Projects are worth 50 points each, for a total of 100 points.

Exams: There will be **three** in-class exams, one after each of the first three chapters of the text we cover (Chapters 6, 7, and 8). The tentative dates for the exams are November 5, November 18, and October 9. You can resubmit solutions to exam questions to gain back **one fourth** of the points lost. Details about this process will be announced when the first exam is handed back.
E**xams are worth 100 points each, for a total of 300 points.**

Final Exam: The final exam will be cumulative, with emphasis on on our final chapter covered (Chapter 9). It will be given on Thursday 12/6 at 8am (11am class) and Friday 12/7 at 12pm (12pm class). All of the questions on earlier chapters will come directly from your old tests and quizzes, with only the numbers changed.
The final exam is worth 150 points.

Grading: Your final percentage grade will be determined by dividing your point total by the **650** points available.

93+, A	90-92, A-	87-89, B+	83-86, B	80-82, B-	77-79, C+	73-76, C
70-72, C-	67-69, D+	60-66, D	below 60, F			

Since incompletes will not be given except in the most serious circumstances, make sure you are aware that the last date for uncontested withdrawal is Nov. 2, so your grade does not affect your financial aid.

Late Work and Make-ups: You can make up quizzes if you either let me know **ahead of time** that you will be missing class, or you contact me **the same day** you missed class (if it was for an unexpected reason). You can only make up tests under *serious* circumstances and at my discretion, in which case you may be given a different version than the rest of the class. Projects are considered late after 5pm on the day that they are due, and late projects will be accepted for a 50% reduction in points.

Blackboard: I will record all grades in Blackboard, but please note that it does not automatically drop your lowest quiz score, so your actual grade may be different than the one that appears in Blackboard. This syllabus and the homework list can be found in the Course Information section of Blackboard. Other handouts may be posted in the Course Documents section. Any changes to the tentative project and exam dates listed in the syllabus will be posted as Announcements.

HOW TO SUCCEED IN THIS CLASS

- **Attend class regularly.** If you miss class, try to get the notes from a classmate as soon as possible.
- **Get help when you need it.** Since we will be covering a lot of information in this class, it is important to keep up. If you aren't understanding a concept fully then talk to me in class or during my office hours. Working with other students is also encouraged—you can all help each other. The University Math Center is another resource.
- **Make an effort.** Everything you will be graded on is either based on your homework problems or is something you can have me check over before you turn it in. So if you work through all of the homework problems and get help when you need it, there is no reason you can't do great in this class and learn a lot!

Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services (DSS) Office as soon as possible so we can discuss how the approved adjustments will be implemented in this class. Students without this form should contact the DSS Office (Bouillon 205 or dssrecept@cwu.edu or 963-2171).