MATH 130
Finite Math
Winter 2008, M-F
12-12:50pm, Bouillon 109   2-2:50pm, Hertz 122

Instructor: Jessica Giglio
Office: Hertz 222   **Office Hours**: 9-9:50am M-F, and by appointment
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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: Homework will be assigned, but not 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 your **lowest score** will be dropped.
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, completeness, mathematical accuracy, clarity, and readability. The **tentative** dates for the in-class portions of the projects are **1/15** and **2/19**—these may be adjusted slightly.
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 **1/18, 2/1, and 2/21**—these also may be adjusted slightly. You will be able to re-submit incorrect exam answers and earn back **one fourth** of the points you missed. Details on this process will be announced when the first exam is returned.
Exams are worth 100 points each, for a total of 300 points.

Final Exam: The final exam will be cumulative, with emphasis on our final chapter covered (Chapter 9). It will be given on **Thu. 3/13 12-2pm** (12pm class) or **Fri. 3/14 12-2pm** (2pm 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 extreme circumstances, make sure you are aware that the last date for uncontested withdrawal is **Fri. 2/15**.

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 your actual point total may be different than the one that appears in Blackboard. This syllabus and homework list can be found in the **Course Information** section of Blackboard. Other handouts will be posted in the **Course Documents** section.

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!

If you have any requests to allow for special needs, let me know within the first 3 days of class. Additional support may be available at Disability Support Services (963-2171).