

**SYLLABUS**  
**Mathematics 130**  
*Finite Mathematics*  
*Fall 2009*

Instructor: Bruce Woodcock  
Office: Black 225-35

Office Hours: 11:00 – 12:00 daily  
or by appointment

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Textbook: Finite Mathematics: Introductory Probability and Statistics  
Owen and Cutlip  
Copyright: 2001

**Please turn cell phones off during class.**

It is assumed that you have successfully achieved **one** of the following: Successful completion of Math 100B, an SAT math section score of 500 or better, an ACT math section score of 19 or better, or a COMPASS test of 50 or better.

Math 130 satisfies one of the **basic skills requirements**. Your attention in class and your utmost effort will greatly increase your chances of success in this class. This course is also a prerequisite for statistics courses in Mathematics, Sociology, Psychology, and Management Science.

A scientific calculator will be necessary for this course (TI-82/83/84 preferred). You are not allowed to borrow a calculator during an exam. Make sure you have one of your own and bring it to class.

*If you have a request to allow for special learning needs, let me know as soon as possible. Students who have a copy of their "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, [dssreceipt@cwu.edu](mailto:dssreceipt@cwu.edu), or 963-2171.*

Feel free to raise your hand for help during class, and as time permits I will answer your questions. If you need more time to clarify your question(s) please schedule an appointment. For the long term your **best bet** is to form a study group with some of your classmates and meet regularly during the week (or even on weekends). Go over problems from the assignments and select your own for extra practice. Answers to selected exercises are in the back of your book. Use them to your advantage. Additional help is also available in the Math tutoring center in Hertz 104.

Assignments will be made on a regular basis in class. Please attempt all problems assigned since your future work will build on the ideas found in these exercises, your grade will depend on completion of all problems, and your understanding of the concepts will increase. If you miss class it is your responsibility to contact a classmate about the missed work. Notes will be available on BlackBoard. I would recommend that you get names and phone numbers of 2 or 3 classmates for contact purposes.

There will be quizzes on every Friday unless an exam is scheduled for that week. You may drop your worst quiz grade.

There will be two exams. They will be worth 100 pts each. If the grade on your final exam is higher than your lowest exam grade you may replace that exam grade with your final exam grade. **If you earn less than 73% (C) on either midterm exam you must schedule an appointment with me within the week that the exam is returned.**

There will be three group projects/extended questions that will involve the concepts that are learned in this course. Groups must consist of **two** or **three** members. Members of each group will share the grade earned by the group. If it becomes apparent that a member of a group is not contributing to the group effort, I reserve the right to adjust that member's grade accordingly. You will be given directions and guidance for successful completion of these projects/questions.

The material covered in this course will be as follows:

Chapter 6 – Sections 6.1 thru 6.7  
Chapter 7 – Sections 7.1 thru 7.6  
Chapter 8 – Sections 8.1 thru 8.8  
Chapter 9 – Sections 9.1 thru 9.4

Grades for this course will be calculated as follows:

Quizzes:	150 pts
Group Projects/Extended Questions:	150 pts
Exams:	200 pts
Final Exam:	100 pts (comprehensive)

Letter grades will be assigned as follows:

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