

**SYLLABUS**  
**Mathematics 130**  
*Finite Mathematics*  
*Winter 2011*

Instructor: Bruce Woodcock  
Office: Bouillon 122

Office Hours: 9:00 – 10:00 daily  
or by appointment

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

**Please silence cell phones 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/graphing calculator will be necessary for this course (TI-82/83/84 preferred). You are not allowed to borrow a calculator during an exam. You are not allowed to use the calculator on your phone. Make sure you have one of your own and bring it to class. Some calculators are not allowed. If you have questions about whether yours is allowed or not, please check with me.

*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, [dssrecept@cwu.edu](mailto:dssrecept@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. 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, notes and assignments can be found on BlackBoard.

There will be an exam on most every Friday. Each exam will be worth 100 points. Your worst exam grade will be dropped.

There will be unannounced class questions during the quarter. They may be done either individually or with one other student. Each question will be worth 10 points. Your worst score will be dropped.

There will be additional group take-home assignments. Groups must consist of **two to four** members. Members of each group will share the grade earned by the group. Each assignment will be worth 50 points. 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.

Finally, all assigned homework must be handed in, as one document, by March 11. This grade will be out of a possible 100 points. **Note: all work must be shown.**

The schedule will be approximately as follows:

Sections 6.1-6.7	(Exam #1) – 1/14/11
Sections 7.1-7.6	(Exam #2) – 1/28/11
Sections 8.1-8.3	(Exam #3) – 2/4/11
Sections 8.4-8.6	(Exam #4) – 2/11/11
Sections 8.7-9.2	(Exam #5) – 2/18/11
Sections 9.3-10.2	(Exam #6) – 3/4/11

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		