

University of South Carolina
Math 170: Finite Mathematics
Section 006
Spring 2012

Instructor: Austin Mohr
Text: Finite Mathematics
Fifth Edition
Waner and Costenoble
Time: MWF 11:15am–12:05pm
Room: LeConte 101
Office: LeConte 104
Office Hours: MWF 10am–11am
Email: austinmohr@gmail.com
Cell: (803)-201-5003
Course Website: <http://www.austinmohr.com/math170>
Final Exam: Saturday, April 28 at 9am

Things to Buy

- Textbook + WebAssign Access Code: Purchase bundled at the bookstore.
- Calculator: A standard graphing calculator, such as TI-83 or TI-84, is needed for this course.

Learning Outcomes

Students will gain mastery of topics such as linear regression, matrix algebra, optimization, logic, and probability. They will gain the conceptual understanding and skills needed to solve real-world problems related to business, economics, and the social sciences.

Grading Scale

A: 90–100, B+: 85–89, B: 80–84, C+: 75–79, C: 70–74, D+: 65–70, D: 60–65, F: below 60

Assignments

Homework	2 points (~ 18%) total
3 Exams	3 points (~ 27%) each
Extra Credit Homework	1 point (~ 9%) total

WebAssign

All homework will be submitted through WebAssign. Sign up for an account at www.webassign.com using the access code that came bundled with your textbook and the class key **sc 8373 2312**.

Attendance

As per University policy, you may miss five days of class without penalty (no excuse needed). After that, two percentage points will be deducted from your final grade for each absence.

Daily Routine

Bring everyday:

- Textbook
- Graphing Calculator
- Question (see below)

Before class:

- Read the textbook pages or watch the video specified in the homework assignment on WebAssign.
- Complete the homework assignment. Each assignment will be due by 4am on the day it is to be discussed. (The point is that you hopefully sleep between the time you complete the homework and the time you come to class to discuss it.)
- Write down at least one *specific* question about something you did not understand in the homework assignment. (If you think you understood everything, then ask a question someone else might find helpful.) Write the question down on two different sheets of paper: one for you to keep and one to turn in to me. This counts as your participation/attendance for the day.

During class:

- Once everyone in your group arrives, go ahead and begin discussing the questions you wrote about the homework.
- At some point, I will have a few things to say to the whole class.
- Afterwards, I will give some questions to try in groups for the remainder of the time. These questions are *not* graded, but they are representative of the kinds of questions you will see on exams.

After class:

- Consider working extra credit problems on WebAssign, paying special attention to the problems you found most challenging during class. Extra credit assignments are due one week after the relevant class period.

Extra Help

- Me: Come to my office hours or email/call me to schedule another time.
- Math Tutoring Center: Free, walk-in tutoring sessions are available through the math department Monday - Thursday in LeConte 105 from 10am - 4pm.
(More info: www.math.sc.edu/mathlab.html)
- Academic Centers for Excellence: Free tutoring sessions available by appointment through the Student Success Center.
(More info: www.sc.edu/ace)
- Private Tutor: The math department maintains a list of private tutors who will work for a modest fee.
(More info: www.math.sc.edu/mathlab/private)