

Course Information

Instructor: Warren Weckesser
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Office Hours: Tuesday, 11:15 AM – 1:00 PM
Wednesday, 10:00 AM – 12:00 Noon
Other times by appointment.

Text: *Calculus: Early Transcendentals Single Variable*, 5th Edition,
by James Stewart (Brooks/Cole, 2003)

Web Page: <http://math.colgate.edu/~wweckesser/math112/>

Topics Covered:

We will review some topics from Calculus I that are covered in Chapter 3. We will then cover the following sections of the text (in roughly this order): 5.5, 6.2–6.4, 7.1–7.2, 7.4–7.6, 8.1, 7.7, 4.4, 7.8, 10.1–10.4, 11.2–11.6, 11.8–11.10.

Homework:

There will be homework problems for most every day we meet. Numerically, the homework makes up the smallest part of the final grade. However, *doing the homework is an essential part of the course!* It is by working through the homework problems that you will develop the deepest understanding of the material. Consistent and diligent effort on the homework will pay off in higher grades on the exams.

Homework Guidelines

- *Read* the section before beginning the problems. (Do not rely on just your lecture notes. Exams will be based on the text as well as the lectures.)
- Do the examples in the section again, on your own, after reading them. Did you understand all the steps? Did you get the same answer as the book?
- Do some of the “easy” problems (exercises 1 through 10 or so). Check your answers with the solutions manual.
- Do the assigned problems, and then check your answers with the solutions manual.
- Collaboration with your classmates is encouraged! (Of course, “collaboration” does not mean simply copying someone else’s answer. It means working together so that each of you understands the problems and can solve them on your own.)

Exams:

There will be three midterm exams during the semester, and a final exam. The dates and times for the midterm exams are:

Exam 1	Wednesday, February 14,	7 – 9 PM
Exam 2	Wednesday, March 21,	7 – 9 PM
Exam 3	Wednesday, April 18,	7 – 9 PM

Let me know immediately if you have any unavoidable conflicts with these dates.

Consult the final exam schedule before making travel plans for the end of the semester, as the date and time of the final exam can not be altered.

Grading:

Your grade will be based on the following:

Homework	5%
Exam 1	15%
Exam 2	25%
Exam 3	25%
Final Exam	30%

Calculators:

No special calculator is required for this course, and you do not have to buy one. Some homework problems may require numerical calculations, but any basic scientific calculator should be fine, or you can use the mathematical software on the computers in the Math Department Computer Lab (McGregory 201E).

You will not be permitted to use a calculator on the exams.

Getting Help:

There are many sources for help with this class.

- Find a study partner or form a study group.
- The Math Clinic in McGregory 201F is open 7–10 PM Sunday through Thursday. Here math majors are available to help you. It is also a good place to meet study partners and to work on the homework.
- Ask me questions. My office hours are shown above. For quick questions you can often talk to me after class. In addition, emailing me is good for some types of questions. If you can not make it to my office hours, you can make an appointment.