

Calculus I—Math 251

Syllabus and guidelines 2009-2010

Course webpage: <http://www.uoregon.edu/~whe/math251.html>

Text: *Single Variable Calculus, Early Transcendentals*, James Stewart, 6th Edition. We will cover roughly Chapters 2, 3, 4.

Exams: There will be 2 midterms (in-class) and a two hour final exam at the time scheduled by the registrar's final exam calendar.

Grades: Homework 20%+Midterm I 20%+Midterm II 20%+ Final exam 40%.

- It is extremely important to study the relevant part of the text *before* the related lecture. This will make lectures easier to understand and give you a chance to ask questions that come up reading the text.
- Doing the homework seriously is the **most** important thing you can do to succeed in this course. The homework will be assigned over internet via software called WEBWORK.
- Please do ask questions about the homework, or any other aspect of the course in class. I will always be happy to spend the first few minutes of class dealing with homework questions, or questions from previous lectures, so come prepared! In order to ask questions effectively, make notes to yourself as you review lectures, as you study the text, and as you work on homework and come to problems you have trouble with.

Homework: There will be (mostly) weekly homework assignments. Homework will usually be due on Wednesday. WEBWORK will be used for this course. The advantage to this system is you will get instant feedback about whether your answer is correct, and thus will have an opportunity to find your mistake and correct it if you did a problem incorrectly. This program should be reliable and easy to use. When doing WEBWORK problems, there is a link "email instructor." Please use that to ask any questions about if you are having trouble doing that problem. Doing this gives me a link to click on that shows me your version of the problem (the problems are individualized) and your most recent attempted answer.

The best way to do the WEBWORK homework is to print out the homework, do the problems, and then enter the numeric and symbolic answers. Each student's problems will be similar but individualized. So the same techniques will work to solve your homework as your friend's but the answers will be different. I encourage you to work together on homework, as long as the work you do is really your own.

There will be suggested homework from text also. It will be posted on course webpage and you are encouraged to do them. The suggested homework will not be collected or graded.

Webwork: The webpage for WEBWORK is webwork.uoregon.edu. For our section this is the link <http://webwork.uoregon.edu/webwork2/Math251-13700/>.

Approximate schedule: Week 1: 2.1, 2.2, 2.3, 2.5, 2.6 Week 2: 2.7, 2.8, 3.1, 3.2
Week 3: 3.3, 3.4, 3.5 Week 4: 3.6, 3.7, 3.8
Week 5: Exam I, 3.9, 3.10 Week 6: 4.1, 4.3, 4.4
Week 7: 4.5, 4.7 Week 8: Review, Exam II
Week 9: 4.2, 4.8 Week 10: Review