

Calculus—Math 252, Fall 2011

Instructor: Weiyong He

- office: Deady 211M, 541-3464720.
- email: whe#uoregon.edu (replace # by @ when you really email me)
- office hours: M, T & W: 2:00 pm—2:50 pm or by appointment.

Lecture: **MTWF** 1:00pm- 1:50 pm at Deady Hall 307; Sep 26-Dec 04, 2011

Textbook: *Single Variable Calculus, Early Transcendentals*, by James Stewart 6E.

Prerequisite: Math 251.

Course content: Integral calculus: integration, its application and technique to integrate. We start with antiderivative in 4.9, and then roughly covers Chapter 5, 6, and Chapter 7 (with the selected topics depending on time).

Grading: total 100%, based on

- Homework: 20%. Homework is probably the most important activity in the course in terms of helping you internalize the material. Homework will be assigned through WEBWORK. In class on Tuesday of the following week there will be a discussion section (except the first week). We will have a chance to solve homework problems together. Homework will usually be due on each Wednesday. 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.
- Quizzes: 10%. There will be two short quizzes on week 3 and week 8. It will be on Friday unless announced otherwise.
- Midterm: 25%. There will be an in-class midterm on Friday week 5.
- Final: 45%. 15:15 Monday, December 6 as scheduled by *The Office of the Registrar*.

Remark: bring your UO student ID to all your exams and quizzes. You may bring a simple calculator (no scientific calculator allowed) to the exams.

Webwork: <http://webwork.uoregon.edu/webwork2/Math252-14152/>. Your user ID is the leading part of your email (for example, uo@uoregon.edu has the ID uo) and the initial password is your UO ID number. Here is a useful link of webwork:

<https://webwork.itc.virginia.edu/availableFunctions.html>.

Special days: It could happen that I would have some travel during the term; in that case the class will be conducted by other professors. It should be at most twice (nothing is planned so far for this term).