

Math 252

Fall 2015

Revised 11/3/15

Lecture: MTWF 9:00–9:50, 154 Straub Hall
Instructor: Nick Addington
Office: 208 Fenton Hall
E-mail: adding@uoregon.edu
Office Hours: Thursdays 3:00–5:00, and by appointment.
Web Page: <http://pages.uoregon.edu/adding/courses/252/>
Text: Stewart, *Calculus: Concepts and Context (4th edition)*

Grading. Your grade will be based on the following:

- **Homework (10%).** Due Fridays at the beginning of class, or in my mailbox in Fenton (in the hallway near my office). I encourage you to work together on the homework. I will not accept late work, but I will drop the lowest score.
- **Quizzes (5%).** Fridays at the end of class. I will not give make-ups, but I will drop the lowest score.
- **Two Midterms (25% each).** In class. First one Friday 10/30. Second one TBA.
- **Final Exam (35%).** Friday 12/11, 10:15–12:15, in the usual room.

Learning outcomes. The goal of this course is to learn to translate a wide variety problems from geometry, science, and engineering into definite integrals, and to evaluate those integrals: in the first third of the course we will learn to evaluate integrals, and in the second third to set up integrals to model geometric and applied problems. In the last third of the course we will learn to set up and solve some simple ordinary differential equations to model problems in physics, economics, and biology.