

# Math 252

Spring 2016

Lecture: MTWF 2:00–2:50, 105 Fenton Hall  
Instructor: Nick Addington  
Office: 208 Fenton Hall  
E-mail: adding@uoregon.edu  
Office Hours: Wednesdays 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.** Due Fridays at the beginning of class. I encourage you to work together on the homework. I will not accept late work, but you can skip one homework for free.
- **Quizzes.** Daily. Very short. I will not give make-ups, but you can skip four quizzes for free.
- **Two Midterms.** In class, dates TBA.
- **Final Exam.** Thursday 6/9, 2:45–4:45, in the usual room.

The exams will count much more heavily than the homework and quizzes.

**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.