

## **MATH 1341 Syllabus Fall, 2009**

**Text:** Calculus, Concepts and Contexts, 4th Ed. by James Stewart  
(Note: the bookstore has a special edition prepared especially for Northeastern; it is in two volumes – we will be using volume 1 for MATH1341 and MATH1342.)

**Instructor:** Prof. S. Jekel; 525 Lake; x-5639; e-mail: jekel@neu.edu

**Office hours:** Monday, 10:30-12:00; Wednesday, 4:30-6:00, or by appointment.

**Grading:** Final: 40%; Quizzes: 7 announced quizzes will be given; 6 best scores will count 10% each.

**Scope of the course:** This course will begin with a brief review/discussion of some of the ways mathematical functions are used to model the real world. It then will cover the standard topics of calculus I: limits and derivatives, the calculation of derivatives, applications of differentiation to solving the kinds of problems encountered in science and engineering, and an introduction to integration. This is not a theoretical course, but some proofs and mathematical reasoning will be introduced when they are required for better understanding.

**Homework:** You are expected to try all of the homework problems assigned for each topic. You are responsible for knowing how to do problems from any topic assigned in the homework. Occasionally homework will be collected. Homework will be discussed in class when necessary.

**Attendance:** You are expected to attend class, and are responsible for all topics covered in class, and all announcements made in class. You are also responsible for all in-class quizzes. There will be no make-ups.

**Final Exam:** There will be a common final for all sections of this course. Department regulations require that the final count for at least 40% of your course grade. All students are required to take the final on the day it is given. Exam conflicts must be resolved in advance with the Registrar's Office and your instructor. Do not make advance travel arrangements for any dates during finals week. If you miss the final it will count as 0.

**Calculators:** You will be expected to own a graphing calculator and be reasonably proficient in its use. You are not required to own a computer.

**Miscellaneous:** If there is an issue you would like to discuss, it is a good idea to start by discussing it with your instructor. If this does not help, please see the course coordinator Professor Adam Ding (439 LA, x-5231, [a.ding@neu.edu](mailto:a.ding@neu.edu)).

