Honors Calculus II (Math 1152Q) Fall 2009

Time and location: Tu, Th 11:00-12:15 MSB 411, We 12:00-12:50 MSB 315

Instructor: Olga Pryporova

Office: MSB 204

Office Hours: Tu, Th 1:30-3:30, other times by appointment

E-mail: olga@math.uconn.edu

Class webpage: http://www.math.uconn.edu/~olga/math1152f09/

Textbook: *Single Variable Calculus: Early Transcendentals* Volume 2 Sixth Edition by James Stewart

Topics:

1. Applications of Integration (Chapter 6)
2. Techniques of Integration (Chapter 7)
3. Further Applications of Integration (Chapter 8)
4. Parametric Equations and Polar Coordinates (Chapter 10)
5. Infinite Sequences and Series (Chapter 11)

Quizzes and Homework: every class period I will assign homework problems. They are for you to practice and prepare for the quizzes, but you don't have to submit them. There will be 15-minute quizzes almost every week at the end of class. I strongly recommend that you do the homework problems even if they are not for submission. I will also post homework problems on WebAssign, so you can see whether your solutions are correct. Occasionally, I will also assign homework problems for submission.

Grading Policy. Your overall grade for this course will be based on:

quizzes and homework – 25 %;
two in-class midterm tests – 20 % each;
final exam – 35 %.

The grading scale is: A: 90-100%, B: 89-80%, C: 70-79%, D: 60-69%. +/- grades will be assigned at the discretion of the instructor.

Make-up Policies: There will be no make-up for missed quizzes and no late homework will be accepted without my permission. Make-up tests will be given only in case of a documented excuse.

Help: If you have questions about the material covered in class or in homework assignments, please feel free to see me, either during my office hours or by appointment. I encourage you to ask questions during class as well as outside of class. You may also find help with the class at the Q Center (http://qcenter.uconn.edu/).