

CALCULUS II

MATH-2153-006

SPRING 2009

Instructor: Dr. A. Raghuram.

Contact Information:

Office: 504 Mathematical Sciences

Phone: 744-7746

e-mail: araghur@math.okstate.edu

Office Hours: 10:30–11:30 a.m. on Tuesdays and 1:30–2:30 p.m. on Wednesdays.

Course website: <http://www.math.okstate.edu/~araghur/spring2009/math2153>

The weekly schedule of topics to be covered, practice problems, tentative dates for midterm exams and quizzes will be announced on this website.

Textbook: Calculus: Early Transcendentals, 6th Edition, James Stewart. The OSU bookstore sells this textbook with two semesters of access to WebAssign for \$125.00.

Goals, Objectives and Prerequisites of Course: This is the second course in the basic calculus sequence of three courses for scientists and engineers. The prerequisite is Calculus I. We will cover most of chapters 7, 8, 10 and 11 from the textbook. This includes techniques of integration; applications of integration; infinite sequences and series; parametric equations and polar coordinates.

Homework: Homework will be assigned every week using WebAssign. You have to submit it online. Typically there will be a homework due every Tuesday. Late submissions will not be allowed. Homework will be worth 150 points.

WebAssign: This is our online homework system. You should set up your account and self-enroll for access to our section during the first week of class at this website: <https://www.webassign.net/login.html>. To self-enroll a class-key is needed. The class key for this section is **okstate 4201 0437**. A WebAssign self-enrollement guide and WebAssign tips are available on the course website.

Quizzes: There will be seven quizzes. These will be in class and typically on Thursdays. The dates will be announced in advance in class and also on the course website. Quizzes will be worth 150 points.

Exams: There will be two midterm exams. These will be held in class. The dates will be announced well in advance in class and also on the course website. The two midterm exams will be worth 200 points each. The final exam (which is scheduled for Thursday, May 7, from 2:00 to 3:50 p.m.) will be worth 300 points.

Grading: The entire course is worth a 1000 points, with the break up of points, in percentages, being: Homework: 15%; Quiz: 15%; Midterm exams: $2 \times 20\%$; Final exam: 30%. I do not grade on a curve and what you earn is what you will get. The following table gives the minimum percentages that guarantees the corresponding grades:

60	70	80	90
<i>D</i>	<i>C</i>	<i>B</i>	<i>A</i>

Attendance: I will not be taking a daily attendance or roll call. However, you will be responsible for knowing what is discussed and the announcements made in class. It helps to keep in mind that there is a high correlation between attendance and success.

Tips on doing well:

- (1) For every hour of class you should devote at least two hours of study time.
- (2) Doing homework regularly and taking all the quizzes is an easy way of staying with the class and improving your grades.
- (3) Work Hard and Be Happy!

Make-Up policy for exams: No make-up exams will be given for unexcused absences from exams. Substantial documentation justifying the absence will be required and must be acceptable to me. For non-medical emergencies, make-ups will only be given for serious and verifiable reasons.

Other resources: For this course you will not need a hand calculator. For exams calculators, cell phones, and other technological paraphernalia will not be allowed. The Mathematics Learning Resource Center (MLRC) can provide tutoring and help with many math courses. For more details go to <http://www.math.okstate.edu/mlrc>

Students with disabilities: Please read the paragraph on *Office of Student Disability Services* in the OSU syllabus attachment for Spring 2009.

Classroom Etiquette: I will expect a high level of academic decorum to be maintained in class. Everyone should treat each other's opinions and views with respect. Misconduct in class will not be tolerated. *Academic dishonesty is not condoned nor tolerated at Oklahoma State University.* Please read the section on *Academic Integrity Policy* in the OSU syllabus attachment for Spring 2009.

Teachers open the door. You enter by yourself. –Chinese Proverb.