

## MATH 2153 SECTION 2, FALL 2010, SYLLABUS

FACULTY: WEIPING LI  
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### 1. BASIC COURSE INFORMATION

**Prerequisites:** Math 2144 (Calculus I)

**Textbook and Content:** *Calculus Early Transcendentals* (Custom Edition for Oklahoma State University), by James Stewart, Cengage Learning, Volume II, May 2008,

You Need to purchase a copy of the book along with an access code for using WebAssign. You need to enter this access code within the first two weeks or you will not be able to use WebAssign after this introductory period.

This is second course in the basic Calculus sequence for engineering and science students. We will cover Chapter 7–10 of the text. Integration by parts, trigonometric integrals and substitution, integration of rational functions by partial fractions, improper integrals, arc length, area of surface (revolutions); sequences, series, various tests of (absolute) convergence and divergence, power series, Taylor and Maclaurin series; curves defined by parametrics, polar coordinates and Conic sections.

**Class Time:** MWF 8:30–9:20am. Start on Monday August 23, 2010.

**Class Room:** Life Science East 215.

**Office Hours:** MWF 9:30-10:20am or **BY APPOINTMENT**. Highly recommended to take full and consistent advantage on my office hours. Feel free to call/email/fax me at any time. Please do not hesitate to seek any appropriate out-of-class help from me in your efforts to master the subjects.

**University information:**

**University Academic Calendar:**

<http://www.okstate.edu/registrar/Catalogs/E-Catalog/2009-2010/UnivAcademicCalendar.html>

**Academic Calendar 2010 Fall:**

<http://www.okstate.edu/registrar/AcademicCalendar/AcademicCalendarMain.html#fall2010>

**University Syllabus:**

<http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Spr.htm>

**D2L:** Stay up-to-dat with D2L. Copies of answers for Exams and other course update or modified information will be posted on D2L. It is **YOUR RESPONSIBILITY** to read all materials posted for this course. You can access D2L at <https://oc.okstate.edu/>

### **Links for WebAssign guides for students**

<http://www.math.okstate.edu/webassign>

Students who took the placement exam during summer 2010 used WebAssign for that. Those students are already on WebAssign with username their OKey short username and OKey password. If you are unsure what the OKey short username is look at the screenshot at

<http://www.math.okstate.edu/calcready>

where it is circled in red. Those students should not create a new account. Encourage all students who are new to WebAssign to use their Okey short username as their WebAssign username.

## 2. EXAMS AND GRADE

Your grade will be determined by the scores on the 3 fifty-minute tests, each of which is worth 100pts. Homework is worth 100pts and the final exams is worth 200pts.

**A** as 510-600; **B** as 450-509; **C** as 390-449; **D** as 330-389; **F** as 0-329.

The cutoff might be lower slightly at the end of the term, but this is not guaranteed. If you cannot take an hour test because of medical reason or other emergency, please notify me **IN ADVANCE** or hand in your **written proof** for excuse. Make-up exams will be scheduled **ONLY** in those cases with **proofs**.

**Homework:** Web assigned Homework.

**MLRC:** MLRC is located on the 4th floor of the classroom building, tutoring services are provided there for this course and similar ones. Check in for tutoring is in Room CLB 420.

**First Exam:** Friday, September 24, 2010;

**Second Exam:** Friday, October 29, 2010;

**Third Exam:** Friday, December 3, 2010;

**Final Exam: Wednesday, December 15, 2010, from 8:00am – 9:50am.**

2.1. **Attendant Policy.** Attendance is not a part of your grade in the course, but it is **VERY HIGHLY RECOMMENDED**. You are responsible for all material covered in class and all assignments. Experience has shown a definite correlation between poor class attendance and low grades.

2.2. **Main Office.** Main office of Math Department 401 Ms, phone number: 405-744-5688. Fax number: 405-744-8275.

**2.3. Homework.** Please **DO THE HOMEWORK**. The purpose of homework is to provide a way for you to practice and get feedback on what you are doing. I suggest that you first read each section and try the assigned problems on your own. Then discuss your solutions with others in the class. Finally re-read your solutions and make corrections as needed. *Practice makes perfect.* **Remember to use the tutors to help you learn. Not to do the homework for you.**

**2.4. General Comments.** To succeed in college, each student must take responsibility for his or her own learning. Thinking of attending college as your job. Just as you arrive at work on time and finish an assigned work on time, so should you attend class every day and finish all your daily homework.

(i) Please be advised that **Doing your homework on time is absolutely essential** for you to get better grade. Quiz and exam problems will be largely chosen from your homework problems.

(ii) On average you should expect to spend two hours studying outside of class for every hour in class. Some student will require more. It is best to do this on a regular basis after *every class* if possible. The learning of mathematics is cumulative, and keeping up with the work is necessary in order to follow our class discussion. Our mind absorbs new ideas best in smaller, regular doses.

(iii) Your study time **SHOULD** start with the book and your class notes with pencil in hand to work out the calculations. The homework problems are not identical to the book examples and can require considerable thoughts. Give each problem a serious effort before seeking help.

(iv) Ask for help whenever you feel you need it from your instructor, from your classmates and any other sources.

**2.5. Academic Dishonesty/Misconduct.** OSU has explicit rules governing academic dishonesty and academic misconduct. The policies are detailed in the document *Students Rights and Responsibilities Governing Student Behavior*.

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