

MATH 266
CLASS SYLLABUS Spring 2014

Course: Calculus II
Section Number 0388
TTH: 10:40 – 1:10

Instructor: Dr. R. L. Smazenka
Office Hours: TTH 1:30 – 3:00 and 7:00 – 8:00
Or by appointment
Office: CMS 141
Phone: (818) 364-7609
Email: smazenrl@lamission.edu

Text: **Calculus, Early Transcendentals** 7th edition
James Stewart, Author

Important Dates: Last day to drop without a “W”: Sunday, 2-23-14 (internet)
Last day to drop with a “W”: Sunday, 5-11-14 (internet)
Date of Final: Thursday, June 5, 2014 10:00 – 12:00 PM

Course Outline:

This is the second course of calculus in a three course sequence. Topics include differentiation and integration of transcendental functions, polar coordinates, specialized methods of integration, vectors, parametric equations, and infinite series.

Class Website:

The class website is an important tool for you to track your grade in the class and view exam and quiz solutions. Homework assignments from the book and project topics will also be posted here. The site can be accessed by clicking on the Math 266 tab at <http://www.lamission.edu/~smazenrl>.

Homework:

Homework will be assigned both online through Webassign (www.webassign.net) and from the textbook. Students may choose to use Webassign or turn in paper versions of their solutions but a given assignment must be done completely in one form or the other. All students with Webassign access codes must logon and register even if they choose the paper option. Webassign is a good platform for developing your skills. If you choose to submit written homework, Webassign can be used to try similar problems using all the online practice resources, then go back and solve the problem from the book, write it up, and submit it. The Math Center tutors can help you logon, register, and navigate Webassign. All assignments are due on the date specified. No late work will be accepted, so make sure you allow plenty of time to complete each assignment. The lowest two assignments will be dropped at the end of the semester. Quizzes and exams will reflect the homework and quizzes so take them seriously and complete them on time.

Quizzes:

There will be nine quizzes throughout the semester as noted on the schedule. Your lowest quiz score will be dropped..

Class Projects:

There will be two projects assigned during the semester. These are intended to be entertaining and offer insight into applications of the course topics. You may collaborate in teams of no more than three students. You will have two to three weeks to complete the projects. During this time, progress will be discussed in class to help you complete them.

Exams:

We will have four exams and a comprehensive final. No make-up exams will be given. I will replace your lowest exam score with your percentage correct on the final if higher. Successful students should plan to spend at least 5 hours of study outside of class for each hour of discussion. This translates into a minimum of 15 additional hours per week.

Class comportment:

All students are expected to arrive on time. Late arrivals are disruptive to both the lecturer and students. We will have a short break about midway through the class period. Once you are seated, do not leave the room until the break. Such comings and goings are also disruptive. Students must turn off all pagers and cell phones while in class. Students are encouraged to ask questions and make comments on the lecture material. This should be done in a courteous manner by raising one’s hand and being recognized. Side conversations between students that disrupt the flow of the lecture will not be tolerated. It is the student’s responsibility to manage his or her academic workload. Should a student decide to stop attending class it is their responsibility to drop the class. All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not.

Grading: Your final grade is based on the homework and exams with percentage contribution to your grade as follows.

Homework	5 %
Quizzes (Best 8 of 9)	10
Projects	5
Exams	55
Final Exam	25

**Schedule Math 266
Spring 2014**

**Math 266
Student Learning
Outcomes**

Week	Date	Tuesday	Thursday
1	February 11	Intro 7.1-7.2	7.2-7.3
2	February 18	7.3	7.4-7.5 Quiz #1 (Ch. 7.1 - 7.2)
3	February 25	7.5, 7.8	7.8, 8.1 Quiz #2 (Ch. 7.3-7.4)
4	March 4	8.1, 8.2	Exam #2 (Chapter 7.1-7.8)
5	March 11	8.2, 8.3	8.3, 8.4, 8.5 Quiz #3 (Ch. 8.1 - 8.2)
6	March 18	10.1, 10.2	Exam #3 (Chapter 8)
7	March 25	10.2, 10.3	10.3, 10.4 Quiz #4 (Ch. 10.1 - 10.2)
8	April 1	10.4, 10.5	10.5, 10.6 Quiz #5 Ch. 10.3 - 10.4)
9	April 8	Spring Break No Class	Spring Break No Class
10	April 15	10.6, Review 11.1, 11.2	11.2 Quiz #6 (Ch. 10.5 - 10.6)
11	April 22	Exam #3 (Chapter 10)	11.3, 11.4
12	April 29	11.4-11.5	11.5-11.6 Quiz #7 (Ch. 11.1 - 11.4)
13	May 6	11.6-11.8	11.8, 11.9 Quiz #8 (Ch. 11.5 - 11.7)
14	May 13	11.9, 11.10	11.11, 9.1 Quiz #9 (Ch. 11.8 - 11.10)
15	May 20	9.2, 9.3	Exam #4 (Chapter 11)
16	May 27	No Class	Final Review
17	June 3	No Class	Final exam 10:00-12:00 pm

1. Demonstrate proficiency in evaluating integrals using various techniques of integration.
2. Determine convergence/divergence of sequences and series.