MATH 266
CLASS SYLLABUS Fall 2012

Course: Calculus II
Section Number 0373
MW: 9:40 – 12:10

Instructor: Dr. R. L. Smazenka
Office Hours: Monday and Wednesday 2:00 – 4:00
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": Friday, September 7
Last day to drop with a "W": Friday, November 16
Date of Final: Monday, December 10, 10 – 12 noon

Course Outline:
This 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.

Homework:
Homework will be assigned online through WebAssign (www.webassign.net). There will be homework for every section covered in class and assignments will be due weekly as noted on the course page for our class. No extensions are possible, so make sure that you allow plenty of time to complete each assignment. The lowest four sections of online homework will be dropped at the end of the semester. In addition, textbook problems will be posted online for you to work on each week. These are extra problems that I recommend you do to help you learn the material. These problems are completely optional; however the problems for every quiz will be taken directly from these lists of problems. While you never have to turn in any of the textbook problems, doing all of them means you have seen all the possible quiz problems and should help your quiz score dramatically.

Quizzes:
There will be eight quizzes throughout the semester as noted on the schedule. Your lowest quiz score will be dropped. You may also use graphing calculators on quizzes, but again you need to show all your work directly on the quiz.

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 the project.

Exams:
We will have four exams and a comprehensive final. No make-up exams will be given. I will replace your lowest 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 that grade as follows.

Homework	10 %
Quizzes	15
Projects	5
Exams	45
Final Exam	25

Math 266 Course Schedule		
Week	Monday	Wednesday
27-Aug		Intro 7.1, 7.2
3-Sep	**Labor Day (no class)**	7.2, 7.3, 7.4
10-Sep	7.4, 7.5	7.6, 7.7, 7.8
17-Sep	7.8 Quiz #1 (Ch. 7.1 - 7.4)	**Exam #1 (Chapter 7.1-7.7)**
24-Sep	8.1, 8.2	8.2, 8.3
1-Oct	8.3, 8.4, 8.5 Quiz #2 (Ch. 7.8 - 8.2)	10.1, 10.2
8-Oct	**Exam #2 (Chapter 8, 7.8)**	10.2, 10.3
15-Oct	10.3, 10.4 Quiz #3 (Ch. 10.1 - 10.2)	10.4, 10.5
22-Oct	10.5, 10.6 Quiz #4 (Ch. 10.3 - 10.4)	10.6, Review 11.1, 11.2
29-Oct	10.6, Review Quiz #5 (Ch. 10.5 - 10.6)	**Exam #3 (Chapter 10)**
5-Nov	11.2, 11.3	11.3, 11.4
12-Nov	**Veterans Day (no class)**	11.5, 11.6 Quiz #6 (Ch. 11.1 - 11.4)
19-Nov	11.6, 11.7	11.8, 11.9 Quiz #7 (Ch. 11.5 - 11.7)
26-Nov	11.9, 11.10	11.11, Review Quiz #8 (Ch. 11.8 - 11.10)
12/3/2012	**Exam #4 (Chapter 11)** 9.1, 9.3	9.3, Review
10-Dec	**Final Exam 10:00 - 12:00**	

Student Learning Outcomes include:

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