

# Math 9C Section 001

## Winter 2011

**Professor: Dr. Jason McCullough**

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Office Hours: MF 9:00-11:00am, and by appt.

**Primary Lectures** MWF 8:10 - 9:00 am, SPR 1102

### Discussion Sections

You should be registered for one of the following secondary lecture sections.

You **MUST** attend the section for which you are registered.

Sec	TA	Day/Time	Room
002	Nishu Lal ( <a href="mailto:nishul AT math.ucr.edu">nishul AT math.ucr.edu</a> )	Tu 11:10 - 12:00pm	OLMH 1122
003	Mathew Lunde ( <a href="mailto:matlunde AT math.ucr.edu">matlunde AT math.ucr.edu</a> )	Tu 2:10 - 3:00pm	ENGR2 139
004	Mathew Lunde ( <a href="mailto:matlunde AT math.ucr.edu">matlunde AT math.ucr.edu</a> )	Tu 5:10 - 6:00pm	MSE 113

### Textbooks

- “Single Variable Calculus” by James Stewart.

### **Homework – 10%**

Homework will be assigned and completed online using WebAssign. You must purchase an access code either at the bookstore or online at the WebAssign web page. Each assignment will count for an equal portion of the homework grade and your lowest 2 scores will be dropped. Late submissions will not be accepted. You may use the link on iLearn to access WebAssign.

### **Quizzes – 10%**

Quizzes will be given roughly every other week in your discussion sections. There will be **no makeup quizzes** and you must take the quiz in your recitation section. Your lowest quiz score will be dropped.

### **Exams – 80%**

There will be one midterm and one final exam. The midterm counts for 30% of your final grade, the final counts for 50% of your final grade. The final exam will be cumulative. You must present your student ID on exam days or your exam will not be accepted. The exam dates are:

Midterm - Monday, January 31 (during lecture)

Final Exam - Friday, March 18, 3pm-6pm

If you cannot come to an exam, you have to make arrangements within the first two weeks of the course. We will only accept a very few reasons for not attending one of the exams. Those reasons are limited to: religious reasons, interviews for scholarships, and participation in intercollegiate sports. For other legitimate absence (e.g. serious illness), you must provide documentation explaining the absence.

You will receive a grade for each of the midterms and the final exam. A grade of C- means that you have understood enough of the material to continue the course. It does not mean that you reached 70% or any other predetermined percentage.

Note: Petitions for regrading of specific problems or homework scores may only be done within 1 week of when the papers are handed back or when the assignment is due. After that 1 week, all grades are final.

### **Academic Integrity**

Cheating will be taken very seriously. Every attempt to cheat will give you an automatic 'F' for the course. You will not be allowed to drop the course, and your case will be forwarded to the student conduct committee.

### **Calculator Policy**

As per math department policy, no calculators will be allowed on quizzes or exams. You may use them on homework, but it is recommended that you complete as much of it without a calculator as possible so that you are prepared for the exams.

### **Course Topics**

This class continues where Math 9B left off. It assumes knowledge of differential and integral calculus (limits, continuity, derivatives, integration, fundamental theorem) and covers the following chapters in Stewart:

1. Chapter 12 - Sequences and Series (Convergence, Absolute/Conditional Convergence, Series tests, Maclaurin/Taylor Series)
2. Chapter 9 - Further Applications of Integration (Arc Length and Surface Area)
3. Chapter 10 - Differential Equations (Modeling, Euler's Method, Separable and Linear Equations, Population Growth)

### **Tentative Schedule**

Week (week of)	M	W	F
1 (Jan 3)	12.1	12.1	12.2
2 (Jan 10)	12.2	12.3	12.3
3 (Jan 17)	<b>No Class</b>	12.4	12.5
4 (Jan 24)	12.6	12.8	12.8
5 (Jan 31)	<b>Midterm</b>	12.9	12.9
6 (Feb 7)	12.10	12.10	12.10
7 (Feb 14)	12.11	12.11	9.1
8 (Feb 21)	<b>No Class</b>	9.2	10.1
9 (Feb 28)	10.2	10.3	10.3
10 (May 7)	10.4	10.5	Review
11 (Mar 14)			<b>Final 3pm-6pm</b>

### **Classroom Decorum**

Out of respect for your classmates, I ask that you arrive to class on time everyday. If you are late, please enter quietly and quickly. Keep cell phones and beepers turned off. If your behavior is disruptive to the rest of the class, you will be asked to leave.

### **Important Dates**

Last Day to Drop Course - Jan. 14, 2011

Last Day to Withdraw from Course with a 'W' - Feb. 11, 2011