

Math 22 Section 010

Fall 2009

Professor: Jason McCullough

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Office Hours: MTh 2:00-3:30 and by appt.

Classroom: PHY 2000

Course Meetings: TuTh 6:40 – 8:00 pm

Required Text: Brief Calculus: An Applied Approach by Larson, 8th edition.

You should be registered for one of the following recitation sections. You MUST attend the recitation section for which you are registered.

Sec	TA	Day/Time	Room
011	Reid Livingston (reid AT math.ucr.edu)	WF 9:10 - 10:00am	PRCE 2416
013	Reid Livingston (reid AT math.ucr.edu)	WF 8:10 - 9:00am	PRCE 2416
016	Andrew Wise (awise AT math.ucr.edu)	WF 8:10 - 9:00am	INTN 1006
017	Dennis Gumaer (dennis AT math.ucr.edu)	WF 4:10 - 5:00pm	INTS 2130

Homework –10%

Homework will be assigned daily and completed online using WebAssign. You must purchase an access code either at the bookstore or online at the [webassign](#) page. Use the link on the [iLearn](#) page for this course. Your 2 lowest homework scores will be dropped provided you complete the initial Intro To WebAssign assignment. Otherwise only your lowest 1 assignment will be dropped. Late submissions will not be accepted.

Quizzes –10%

Quizzes will be given roughly weekly in recitation 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 3 exams, each a “final” over the corresponding material - i.e. the final exam is not cumulative. Each exam will count for 1/3 of the exam score. You must present your student ID on exam days or your exam will not be accepted. The exam dates are:

Exam 1 - Thursday 10/15/09

Exam 2 - Tuesday 11/10/09

Exam 3 - Saturday 12/5/09 @ 3:00pm (During final exam period)

If you cannot come to any of the 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.

Grades

Grades will be given on the following scale:

93.0 - 100	A
90.0 - 92.9	A-
87.0 - 89.9	B+
83.0 - 86.9	B
80.0 - 82.9	B-
77.0 - 79.9	C+
73.0 - 76.9	C
70.0 - 72.9	C-
67.0 - 69.9	D+
63.0 - 66.9	D
60.0 - 62.9	D-
0 - 59.9	F

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.

Tentative Schedule for lecture days:

Lec.	Date	Sections	Topics / Quiz Dates
1	9/24	1.2-1.4	Functions, Graphs, Lines
2	9/29	1.5-1.6	Limits, Continuity
3	10/1	2.1-2.2	Derivatives, Diff Rules
4	10/6	2.3-2.4	Rates of Change, Product, Quotient Rules
5	10/8	2.5-2.6	Chain Rule and Higher Der.
6	10/13	2.7-2.8	Imp. Diff and Related Rates
7	10/15	Exam 1	Covers Sections 1.2-2.8
8	10/20	3.1-3.3	1st,2nd Der. Tests, Extrema, Inc./Dec. Func.
9	10/22	3.4-3.5	Optimization, Applications
10	10/27	3.6, 3.8	Asymptotes, Marginal Analysis
11	10/29	4.1-4.3	Exponential Functions and their Derivatives
12	11/3	4.4-4.6	Logarithmic Functions and their Derivatives
13	11/5	5.1-5.2	Antiderivatives, Integrals, Substitution
14	11/10	Exam 2	Covers Sections 3.1 - 5.2 (11/11 - No class)
15	11/12	5.3-5.4	Definite Integrals, Integrals as Areas
16	11/17	5.5-5.6	Area Between 2 Curves, Integrals as Limits
17	11/17	6.1-6.2	Integration by Parts/Partial Fractions
18	11/24	6.2,6.4,6.5	Partial Frac., Numerical Int., Improper Int.
19	12/1	7.3- 7.4	Functions of Several Variables, Partial Der.
20	12/3	7.5	Extrema
21	12/5	Exam 3	3:00pm - Covers 5.3 - 7.5

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.