

# M408C Unique Nos. 56200/5/10

## Differential and Integral Calculus Spring 2010

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Hours: M 3-4 and W 3-5

**Rules:** Don't miss class. Don't be late. Don't buy plane tickets which conflict with exams. Don't pack up early. Staple homework. Don't be rude.

**Text:** Stewart, Calculus, 6th Edition.

**Preparation:** You should be pretty good at trig and algebra in order to succeed in this class. The material in the appendices and in Chapter 1 of the text is assumed. If you feel you need to review that material, you might consider taking the M408KLM sequence instead.

**Students with disabilities:** The University of Texas at Austin provides, upon request, appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TTY.

<b>Grading:</b> Homework/Quizzes:	10%
3 Midterms exams:	60%
<u>Final Exam:</u>	30%
Total:	100%

We will be using the +/- grading system: 90% is at least an A, 86.7% is at least an A-, 83.3% is at least a B+, 80% is at least a B, etc.

**Midterms:** Nearly chiseled in stone, the dates for the midterm exams are Fri. Feb. 19, Wed. Mar. 31, and Fri. April 30. The exams are given in lecture. There are no make-up exams. If you miss an exam, it's not automatically a zero (but it might be a zero.) At the end of the course, I'll make a rough guess as to what your score would have been, and you'll have to live with it.

**Final Exam:** It's comprehensive. Of course. The probable date and time is May 12 from 7 to 10 p.m.

**Quizzes:** If there are any quizzes, they will be a surprise.

**Homework** is handed in on Thursdays at the *beginning* of discussion. (This means that if you walk into class 5 minutes late, then your homework won't be accepted.) The assignments are on the back of this page. Which assignments are due will be announced in class, and no where else. Late homework will not be accepted. Unstapled homework, homework without a name, or homework that is disorganized and sloppy will be thrown into a black hole and disappear permanently from all human memory.

**Calculators** will not be allowed on any exams, but may be used on homework.

**Assignments:**

Work the following problems at the appropriate time, as announced in class. Do not hand in the “Warm-up Exercises”.

Day	Section	Warm-up Exercises	Hand-in Exercises
1	2.2	9, 15, 17, 25	4, 14, 22, 26, 28
2	2.3	3, 11, 17, 21, 25	4, 8, 12, 16, 18, 40, 46
3	2.5	4, 11, 26, 29, 31, 51	6, 12, 17, 23, 30, 52
4	3.1	1, 3, 5, 19, 25, 29	6, 18, 20, 28
5	3.2	2, 7, 19, 23	6, 10, 21, 24, 26
6	3.3	4, 7, 15, 19, 29, 53, 73	14, 32, 37, 56, 59, 72
7	3.4	4, 5, 11, 17, 41	2, 12, 18, 24, 40, 48
8	3.5	9, 17, 21, 27, 29, 42	8, 12, 20, 44, 66
9	3.6	7, 15, 25, 51	10, 17, 18, 28, 52
10	3.8	7, 15, 24	16, 19, 20, 27, 30
11	3.9	5, 11, 17, 25	2, 16, 20, 24, 27
12	4.1	3, 5, 19, 33, 51	8, 16, 23, 28, 40, 46, 52
13	4.3	11, 15, 17, 31, 35	8, 14, 16, 30, 36, 40
14	4.4	3, 11, 17, 19, 29, 45	12, 16, 20, 22, 24, 30, 36
15	4.5	9, 19, 31, 43	2, 14, 28, 38, 44, 48
16	4.7	9, 21, 27, 33, 52	2, 6, 18, 30, 34
17	4.9	3, 9, 11, 21, 31, 33, 53	8, 16, 24, 40, 54
18	5.2	3, 9, 37, 43	22, 25, 30, 40
19	5.3	3, 7, 21, 29, 31	14, 18, 24, 28, 48
20	5.4	3, 5, 11, 15, 33, 46	6, 10, 16, 28, 34, 42
21	5.5	7–29 odd, 35–49 odd	4, 12, 18, 24, 30, 48
22	6.1	7, 10, 15, 18, 35	6, 12, 20, 30, 32
23	6.2	3, 7, 9, 15, 31, 51, 57, 67	4, 12, 34, 54, 66, 70
24	7.1	6, 13, 18, 23, 33	24, 26, 36, 37, 40
25	7.2	9, 25, 31, 37, 49	12, 16, 26, 28, 40, 76, 82
26	7.3	3, 5, 10, 31, 35, 45	6, 14, 24, 26, 50
27	7.4	3, 17, 37, 43, 47, 69	8, 10, 18, 26, 42, 46, 60, 70, 74, 80
28	7.6	7, 13, 19, 27, 47, 61	2, 5, 10, 14, 22, 31, 64, 67
29	8.1	7, 13, 29, 43, 47	6, 10, 22, 28, 44, 52
30	8.2	5, 15, 27, 43	10, 20, 24, 44
31	8.3	5, 9, 17, 23, 27	4, 6, 20, 22, 24, 41
32	8.4	3, 5, 9, 17, 25, 45, 59, 61	4, 12, 16, 30, 38, 42
33	8.5	5, 23, 51, 61, 71,	14, 18, 24, 32, 36, 48, 60