

## Math 104 Fall 2007

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**Text:** Differential Equations with Boundary-Value Problems, third edition.

**Prerequisite:** Math 101B with a grade of "C". The prerequisite will be strictly enforced.

<b>Office Hours:</b>	Monday: 2 – 4,	Math Lab
	Tuesday/Thursday: 12:30 – 1:30	Office 2323
	Wednesday: 2:00 – 3:00	Office 2323

<b>Grading:</b>	Homework	: 10%	A: 90%
	Quizzes/Projects	: 20%	B: 80%
	Exams	: 50%	C: 70%
	Final	: 20%	D: 60%

**Exams:** We will have about 5 in class exams. There will be no make-up exams unless prearranged with me, and I reserve the right to make these exams more difficult than the in-class exams. Unless otherwise stated, no calculators will be allowed on any exam.

**Quizzes:** We will have many quizzes throughout the semester. Some of these will be take home, some will be announced in advance, some will not. There are no make-up quizzes.

**Homework:** Homework will be assigned every day and will be collected periodically. I will be happy to answer questions in class or during my office hours. Homework must be neat, readable, on straight edged paper, stapled if there is more than one page, and also be done in pencil.

**Final:** The final will be cumulative and is scheduled for Friday December 14, from 9:30 – 11:30. If you cannot take the final during the scheduled time you MUST give me at least a two week notice.

If you wish to drop this class you must do so according to the Schedule of classes. Failure to do so may result in a grade of F for the semester.

**Calculator:** Students in this class are required to have a Graphing/Programmable calculator. The TI-85/86/89/92 is the calculator that I will be using in class and I can highly recommend it. It should be noted that there will be quizzes and exams where calculators of any kind are not allowed.

**One note about grades:** Grades in this class based on your performance and how it compares to the grading criterion laid out here. Grades are not assigned based on what another college has told you that you must receive in order to be accepted. As a result, you are responsible for earning the grade required. I will frequently update you with your current grade in the class. Bottom line: If you want an A, then finish the semester with at least a 89.5% because a 89.4% earns you a B.

As a courtesy to me and the other students in this class, I expect you to be on time and refrain from any unnecessary or inappropriate talking during class. I also expect all pagers and cell phones to be turned off before class begins each day.

Cheating and other forms of Academic Dishonesty, in any form, will **NOT** be tolerated. Copies of the college's Policy on Academic Dishonesty are available on the information rack in Building 1 and from the Vice President of Student Services, ASOC offices, and my web page.

Please keep in mind that it is my job to teach you this material, it is up to you to make sure that I am doing my job. Don't hesitate to ask questions or to come and see me in my office or after class.

## Math 104 Homework

Unless otherwise stated, do only the odd problems. eoo = every other odd. This list is subject to change.

Section	Problems
1.1	1 – 7, 15, 17, 19, 23, 27, 31, 32, 34, 36, 37 – 42 all, 47, 48
1.2	1, 5, 6, 7, 9, 11, 13, 24, 27, 30, 41, 44
1.3	1, 3, 5, 11, 13, 14, 15, 17, 19, 27
1.4	1 – 25 eoo, 34, 36, 39, 40, 42, 45, 49, 51, 56, 61, 63, 65, 66
1.5	1 – 25 eoo, 26, 29, 30, 33, 34, 36, 38
2.1	1 – 9, 10, 12, 13, 15, 16, 21, 22, 24, 34, 36, 37
2.2	1, 5, 7, 9, 19
2.3	1, 3, 10, 11, 20, 22, 23, 30
2.4	1 – 9

### Exam 1

3.1	1, 2, 5, 7, 10, 17, 20, 21, 23, 24, 25, 33 – 41, 51, 52, 54
3.2	1, 2, 3, 5, 7, 9, 11, 19, 21, 23, 25, 26, 27, 30, 36, 38, 40, 41
3.3	1 – 29 eoo, 38, 39, 43, 44, 45
3.4	1 – 8 all, 12, 13, 15, 17, 19, 21, 22, 23
3.5	1 – 23, 22, 26, 29, 31 – 39, 47, 49, 53, 55
3.6	1 – 15, 6, 16 – 24 all, 28
3.8	1, 3, 5, 6, 9, 15 – 18 all

### Exam 2

7.1	1 – 31 odd, 39, 40
7.2	1 – 9 odd, 17, 19, 21, 29, 35
7.3	1 – 15 odd, 27, 29, 35, 39
7.4	1 – 19 odd, 29, 30, 36
7.5	1 – 17 odd, 25, 26, 31, 33, 36, 38
7.6	1, 2, 5, 8, 15, 18, 22

### Exam 3

Don't worry, there will be more to come.