Syllabus
Math 108H – Spring 2010
Section 001

Instructor: Dr. Jim Brown

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Class Meeting:
MWF:	11:15 - 12:05 pm	Martin M-204
T:	11:00 - 11:50 am	Martin M-201

Office Hours:
MW:	1:00 - 2:00 pm
	(and by appt.)

Textbook: *University Calculus* by J. Hass, M. Weir, and G. Thomas Jr. You will also need MyMathLab that comes bundled with the text.

Material: We will cover Section 5.6 through the end of the book. We will give a brief review of the material in Sections 5.1 - 5.5.

Attendance: Attendance for this class will not be taken. Of course, if you do not come to class on a regular basis, you should not expect that I'll spend significant time outside of class trying to catch you up on what you missed (assuming the absences are not accompanied with a legitimate documented excuse.) This does not mean if you miss a day that I will not help; this is directed at people who skip a month and then want me to catch them up before the midterm. If you are coming to class, you are expected to be there when class begins! If you have a good reason for being late, let me know. Otherwise, if you are late, don't come. It is distracting for other students to have someone walk in once class has begun. I reserve the right to have surprise quizzes at the beginning of class if tardiness becomes a problem. This will become part of your homework grade. Since attendance is not required,

you are not required to wait any set period of time before you leave if for some reason I am late. If I am more then 10 minutes late, you can reasonably assume something has happened and I will not be there. You should check your e-mail in the morning before class so that if something does come up you are aware before you hike over to class.

While in class you are expected to pay attention and participate. I will often have you break into groups and work on examples of what we have been talking about. Sometimes I may have your group present the results at the board. If you absolutely detest working with others, this is probably not the section of Math 108 for you.

Cell Phones: Cell phones are to be turned **OFF** during class and exams. If you have an emergency and are waiting for a call, please let me know beforehand and it will be ok to have it on vibrate. Remind each other to turn off your cell phones before class because if this becomes a problem I reserve the right to have quizzes on the spot (points to be figured into the homework grade.)

Calculators: There is not a required calculator for the course. You are permitted to use any calculator on exams, homework, etc. that is short of a laptop. Essentially, anything that does not have a keyboard is fine. You will be required to show work for things such as integrals and derivatives though. Your cell phone (since it is required to be off) is obviously not a substitute for a calculator. It is your responsibility to know how to use your calculator. The owner's manual should have everything in it that you need.

Laptops: We may use laptops in class from time to time. They will be used to access Maple when I feel graphing things on Maple will help your understanding. I will give you the relevant Maple commands along with Maple worksheets that contain the examples we cover in class when relevant. Maple will be used minimally (if at all) on homework; it is mainly to help you visualize things. Since attendance is not mandatory, if you feel like reading the news or chatting online you are free to do that from the comfort of home.

Grading: Your final grade will be calculated in two ways. I will assign everyone a grade with each method. I will then give you the higher of the two letter grades. For example, if you get a B with the first method and a C

with the second, your final grade will be a B.

Method 1 is the following breakdown of grades.
Grades are based on the following:

MyMathLab Homework:	5 %
Written Homework:	15 %
Midterm Exam 1:	15 %
Midterm Exam 2:	15 %
Final Exam (cumulative):	50 %

Method 2 is that your final exam will replace any of the midterms that had a lower score. For example, if you score an 82 Midterm 1, a 65 on Midterm 2, and a 81 on the Final Exam, your scores will be 82, 81, 81.

The grading scale will be no worse then the following:

$\geq 90\%$	A
$\geq 80\%$	B
$\geq 70\%$	C
$\geq 60\%$	D

This means if your final grade is a 90%, you will receive an A for sure. However, it may be the case that your final grade is an 85% and you receive an A.

Exams:

Midterm 1:	02/17/10 6:45 - 8:15 pm in Martin M-103
Midterm 2:	04/07/10 6:45 - 8:15 pm in Martin E-004
Final:	04/26/10 11:30 am - 2:00 pm in Martin M-204

Make-up exams for midterms will not be given, regardless of the validity of the excuse for missing the exam. If you miss a midterm, your grade will almost surely be calculated from Method 2.

MyMathLab Homework: This homework is done online and will consist of more routine problems. Many of you will have had information for access bundled with your textbook, but if not you can purchase access online at the website. The course name is Math 108H and the course id is brown35971. You will need these to register. The website is http://www.MyMathLab.com.

Written Homework: I will hand out a few problems that are more difficult each week. These will include story problems, as well as other problems that require you to understand the material at a level deeper than just memoriz-

ing formulas and applying them. You are strongly encouraged to work on these problems in teams, though you are required to each write up your own answers. If you work with others, you are required to indicate on your assignment each person you worked with. (This is a matter of academic honesty.) You will have one week to turn these problems in once they are handed out except during exam weeks. They must be in my hand by the start of class one week from the date handed out or I will not accept them.

Exams: The exams will be comprised of a selection of problems ranging from easy to difficult. You should not expect to score more then 60% on the exams if you have merely memorized formulas and algorithms without understanding the material. The exams will reflect the homework problems, but you will never see a problem on an exam that is identical to one graded for homework.

Goals: It is the goal of this course for you to learn all of the material contained in Chapters 5-9 of the textbook. At the end of this course you should expect to be able to do any of the routine calculations in this book, but also understand the concepts behind these calculations as well as be able to turn story problems into equations you can work with.