

MATH 114 Calculus II, Section A01, Summer 2011

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TEXTBOOK:	<i>Calculus, Early Transcendentals</i> , by Briggs and Cochran, Addison and Wesley, 2010.	
OFFICE HOURS	TR 2:30 - 3:30 PM or by appointment.	
COURSE TOPICS:	This is a second semester course in calculus. We will cover Chapters 6-10 of the book. This includes: Methods of integration, conic sections, parametric equations, infinite series, and power series. We will spend more time on some sections as needed. I will try to motivate new topics with direct applications.	
PREREQUISITES:	The prerequisite for this course is getting a C or better in Math 113.	
HOMEWORK:	Homework will be assigned regularly. You are expected to attempt all assigned problems. If you run into difficulties with any problems, feel free to come to office hours to discuss the problem.	
TESTS:	There will be 4 in-class tests and a comprehensive final exam. Your lowest test grade will be dropped and each of the remaining tests will be worth 15%. The final will be worth 30%. The final exam is scheduled for June 23, 10:30 AM-1:15 PM.	
QUIZZES:	Quizzes be will be given every Monday and Wednesday. These will be short quizzes with only a few questions. You will be given 15-25 minutes. They will count for 15% of your final grade.	
MAPLE:	We will be using Maple as an aid to our discussions. You can use Maple in the computer labs in the Johnson Center and Innovation Hall. There will be 2 Maple assignments. Combined, the assignments will count for 10% of your final grade. More information about Maple will be given later.	

HONOR CODE: As always, the George Mason University Honor Code is in effect.

GRADING SCALE: 90-100: A, 80-89: B, 70-79: C, 60-69: D, 0-59: F.
The grades A-, B+, B-, C+, and C- will be assigned based on attendance, effort, and class participation in borderline situations.

The final exam will be an in-class exam and must be taken at the scheduled time. Exceptions are allowed only with the Dean's permission, by University rules.

OBTAINING HELP There are many ways for you to get help in this class. I am always happy to help students during my office hours (that's what they are for.) I am also happy to schedule appointments outside of my normal office hours. These appointments should only be requested if you can not make my normal office hours, or if you want to schedule time where we will not be interrupted by other students. I can not guarantee how many hours per week I can give to appointments. The Math Tutoring Center in the Johnson Center offers free tutoring for MATH 114. The tutoring center schedule can be found at <http://math.gmu.edu/tutorcenter.htm>.

HOMEWORK Below you will find a list of problems from the textbook from which the test and quiz topics will be taken. You are strongly encouraged to solve the homework problems as we go along in the semester. The test questions will be partially based on the homework problems, while the quiz questions will be very similar to the homework problems, both in form and difficulty.

Section	Problems
6.1:	7-37 odd
6.2:	5-37 odd
6.3:	7-47 odd
6.4:	5-37 odd
6.5:	3-31 odd
6.6:	9-37 odd
6.7:	7-27 and 39-53 odd
6.8:	9-37 odd
7.1:	7-39 odd
7.2:	9-31 odd, 47, 49
7.3:	7-45 and 49-55 odd
7.4:	5-35 odd, 67, 69
7.7:	5-45 odd
8.1:	9-55 odd
8.2:	9-49 odd
8.3:	7-57 odd
8.4:	9-41 odd
8.5:	9-37 and 41-65 odd
8.6:	11-45 odd
9.1:	7-57 odd
9.2:	9-43 odd
9.3:	9-49 odd
9.4:	7-57 odd
10.1:	7-49 odd
10.2:	9-35 and 59-65 odd
10.3:	5-31 odd, 43, 45
10.4:	13-63 odd, 69, 71