Math 1720, section 001
Calculus II

Instructor:	Dr. Michael R. Oliver
Office:	GAB 410
Office hours:	MWF 10:45-11:45 (or by appointment)
Phone:	565-3386
E-mail:	moliver@unt.edu
Course website:	http://www.math.unt.edu/∼moliver/spring05c.html
Course meets:	MWF 8-8:50, GAB 201
Prerequisites:	Math 1710
Texts:	Finney, Weir, Giordano, *Thomas' Calculus*, 10th edition We will cover chapters 6, 7, and 8
Final Exam:	Friday, May 13, 2005, 8 AM to 10 AM Final is comprehensive. Location: same as lecture.
Attendance:	Prompt and regular attendance is expected. Tardy students may be refused admission to class.
Grading:	Grades will be based 30% on the final exam, 10% on quizzes, and 20% on each of the three midterm exams. The grading scale will be A – 90% or better, B – 80%, C – 70%, D – 60%.
Homework:	Homework will be assigned at least once a week, possibly more often. It will not be collected. However there will be regular quizzes; the problems on the quizzes will be taken *directly* from the homework assignments.
Academic Honesty:	No cheating will be tolerated. Any student caught cheating will receive an "F" for the course and a letter will be sent to the appropriate dean. Doing homework with classmates is not cheating and is encouraged. See http://www.unt.edu/planning/UNT_Policy/volume3/18_1_11.html
Cell phones:	Cell phones are to be turned OFF during class; students who disrupt the class may be ejected. Use of cell phones during examinations is prima facie evidence of cheating. This also applies to pagers and PDAs.
Makeups:	No makeups on quizzes under any circumstances. Makeups on midterms will be allowed only for good and documented cause, and you must arrange with me in advance. I may ask you to take the exam early rather than late. No makeup on the final—if for good cause you are unable to take the final, you must arrange for an incomplete (see below).
Incompletes:	The grade of "I" will be granted only for good and documented cause, and you must be doing passing work at the time of the request, which cannot be earlier than Monday, Apr. 11, 2005. You must arrange to complete the missing work within one academic year. Note that making up work may be problematic as this is likely my last term at UNT. So incompletes are perhaps not completely out of the question–but you shouldn't count on them.

Drops: Last day to change to different class or section: Friday, Jan. 21
Last day to drop with refund: Monday, Jan. 31.
Last day to drop with instructor consent: Tuesday, Mar. 29. I will give consent to anyone who asks, and I will not give you a "WF". You should be aware that instructors in other classes may give you a "WF" if you drop their classes after Feb. 25.

You are responsible for finding me to sign the drop slip, and for turning it in by the deadline. If you can't find me, staff in the Math Office (GAB 435) may sign the slip on my behalf. **My signature on the drop slip does not automatically drop you; you must deliver the signed slip to the appropriate office.**

Calculators: No calculators on exams or quizzes. You won't need them (assuming you can do basic arithmetic). On homework you may use calculators and indeed you are encouraged to use them to play around with the numbers and see how functions, series, and so on, behave.

Math Lab: The UNT Math Lab is located in GAB 440.
Fall 2004: Jan. 24–May. 6, 2005
Monday–Thursday: 7 am – 8 pm
Friday: 7am – 4pm
Saturday: 1pm – 5 pm
(Closed Sundays and holidays, Spring Break, and finals week)

Website: http://www.math.unt.edu/mathlab

Disability accomodations: It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students office.

Deadlines: Students are responsible for meeting all university deadlines (registration, fee payment, prerequisite verification, drop deadlines, etc. See Schedule of Classes and Undergraduate Catalog for policies and dates.) An error in such a date in this syllabus is no excuse–verify the dates yourself.

Midterm dates (tentative):   First midterm – Wed., Feb. 16

Second midterm – Fri., Mar. 25
Third midterm – Fri., Apr. 29

Course description: **1720 (2314). Calculus II** Differentiation and integration of trigonometric, exponential, logarithmic and transcendental functions; integration techniques; indeterminate forms; improper integrals; area and arc length in polar coordinates; infinite series; power series; Taylor's theorem. Prerequisite(s): MATH 1710. *Satisfies the Mathematics requirement of the University Core Curriculum.*