MATH 121 Section 02
Fall 2007 MTRF 11:15am-12:05am
MOD 4
Dr. Chad A.S. Mullikin

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General Information : Lectures will be held MTRF from 11:15am until
12:05am in Modular Building 4. There will be some class time allowed for solv-
ing problems. However, it may be the case that this is not sufficient. If you
need more help you are *encouraged* to come talk to me during my office hours.

Office Hours : My office hours (AB 270) will be as follows (or by appoint-
ment):

Monday	8:00am-10:00am and 1:00pm-2:00pm
Tuesday	10:00am-11:00am
Wednesday	11:10am-2:10pm
Thursday	10:00am-11:00am
Friday	8:00am-10:00am.

Textbook : <u>Calculus</u> 6$^{\text{th}}$ ed., Stewart.

Course Description : Analytic geometry, functions, limits, continuity, the
derivative and its applications, the integral and its applications. Prerequisite:
MTH 111, satisfactory performance on mathematics placement examination or
equivalent demonstrated proficiency.

Course Goals : This course is designed to help improve critical thinking
and problem solving skills. Finding an answer to a problem is not always as
valuable as the path taken to the solution.

Course Objectives : This course develops the fundamental concepts and
techniques of calculus while at the same time promoting abstract problem solv-
ing skills. Topics include: limits; the derivative and its applications; indefinite
integrals and definite integrals; applications of integrals.

Homework : It is critically important that a student of mathematics work
problems. Simply following along in class is rarely sufficient. At the beginning
of each week I will assign homework that will help solidify ideas. **In order to
learn mathematics it is important that you work problems!** It is from
these homework exercises that I will pull material for the exams.

Tests : There will be four closed book in class exams as well as a cumulative final examination. The in class exams will consist of roughly 6 or 7 problems typical of the homework. You may use a scientific calculator on each exam. Calculators that perform symbolic manipulation or that are programmable are *not* allowed. The tentative dates for these exams are as follows.

Test 1: Sep 11, 2006
Test 2: Oct 5, 2006
Test 3: Oct 30, 2006
Test 4: Nov 20, 2006
Final Exam: Dec 6, 2006 1:00-3:00pm

Attendance : Attendance is required. *Any student with a valid excuse for missing an exam must obtain permission to reschedule well before the examination date.* Please let me know of any conflicts immediately. If you have an unscheduled absence and would like to make up any work that is missed, you will need to contact Ms. Anna Gaw in Student Academic Services and provide her with documentation. She will notify me if the absence is excused. In short, it is up to Student Academic Services whether or not your absence is excused, not me.

Grading : The assignments are weighted as follows:

Tests :60%

Final Exam :40%

Letter grades are awarded according to the following:

$$97 \leq \mathbf{A+}$$
$$93 \leq \mathbf{A} < 97$$
$$90 \leq \mathbf{A\text{-}} < 93$$
$$87 \leq \mathbf{B+} < 90$$
$$83 \leq \mathbf{B} < 87$$
$$80 \leq \mathbf{B\text{-}} < 83$$
$$77 \leq \mathbf{C+} < 80$$
$$73 \leq \mathbf{C} < 77$$
$$70 \leq \mathbf{C\text{-}} < 73$$
$$67 \leq \mathbf{D+} < 70$$
$$63 \leq \mathbf{D} < 67$$
$$60 \leq \mathbf{D\text{-}} < 63$$
$$\mathbf{F} < 60$$

Withdrawal : Only under extreme circumstances will I award a student a W or WF after the deadline. These grades are reserved for students who for some reason cannot complete the remainder of the course, i.e., students who are physically unable to return to the classroom.

Accommodations : Students who want to receive disabilities accommodations should contact Mrs. Dunklin, Coordinator for Student Support Services at 380-3470 as soon as possible so that warranted accommodations can be arranged. Her office is located in Student Academic Services, 1st floor, Administration Building.

Tentative Schedule : This schedule is subject to change as needed.

Aug 20 : Introduction	Oct 12 : § 4.1
Aug 21 : Review	Oct 15 : § 4.2
Aug 23 : § 2.2	Oct 16 : § 4.3
Aug 24 : § 2.2 (continued)	Oct 18 : § 4.3 (continued)
Aug 27 : § 2.3	Oct 19 : § 4.4
Aug 28 : § 2.4	Oct 22 : § 4.5
Aug 30 : § 2.4 (continued)	Oct 23 : § 4.5 (continued)
Aug 31 : § 2.5	Oct 25 : § 4.7
Sep 03 : No class	Oct 26 : § 4.7 (continued)
Sep 04 : § 2.5 (continued)	Oct 29 : Review
Sep 06 : § 2.6	Oct 30 : **TEST 3**
Sep 07 : § 2.6 (continued	Nov 01 : § 5.1
Sep 10 : Review	Nov 02 : § 5.1 (continued)
Sep 11 : **TEST 1**	Nov 05 : § 5.2
Sep 13 : § 3.1	Nov 06 : § 5.2 (continued)
Sep 14 : § 3.2	Nov 08 : § 5.3
Sep 17 : § 3.2 (continued)	Nov 09 : § 5.4
Sep 18 : § 3.4	Nov 12 : § 5.5
Sep 20 : § 3.5	Nov 13 : § 5.5 (continued)
Sep 21 : § 3.6	Nov 15 : § 6.1
Sep 24 : § 3.7	Nov 16 : § 6.1 (continued)
Sep 25 : § 3.8	Nov 19 : Review
Sep 27 : § 3.9	Nov 20 : **TEST 4**
Sep 28 : § 3.9 (continued)	Nov 22 : No class
Oct 01 : § 3.10	Nov 23 : No class
Oct 02 : § 3.10 (continued)	Nov 26 : Mystery Topic
Oct 04 : § Review	Nov 27 : Mystery Topic
Oct 05 : **TEST 2**	Nov 29 : Review
Oct 08 : No class	Nov 30 : Review
Oct 09 : No class	Dec 06 : **FINAL EXAM 1:00–3:00pm**
Oct 11 : § 4.9	

Caveat Discipulus: This syllabus is subject to change as necessary.