MATH 111 Section 02
Fall 2007 MWF 10:15am-11:05am
MOD 4
Dr. Chad A.S. Mullikin

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General Information : Lectures will be held MWF from 10:15am until 11:05am in Modular Building 4. There will be some class time allowed for solving 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 appointment):

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 : Precalculus - Functions and Graphs 10^{th} ed., Swokowski/Cole.

Course Description : Analytic geometry; the concept of function with analysis of polynomial, rational, exponential, logarithmic, and trigonometric functions, their properties, graphs, and use in applied problems. Prerequisite: 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. By studying topics such as the properties and applications of functions, the student will develop necessary skills related to overcoming complex problems. In addition, this course is designed to prepare students for a first course in differential calculus (MTH 121).

Course Objectives : It is the hope that this course will make students more comfortable with basic mathematical definitions and applications. See the schedule below for specific topics.

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.

Exams : 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: September 12^{th} 2006
Test 2: October 5^{th} 2006
Test 3: October 26^{th} 2006
Test 4: November 19^{th} 2006
Final Exam: December 7^{th} 2007 9:00 - 11:00 am

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:

$97 \leq$ **A+**
$93 \leq$ **A** < 97
$90 \leq$ **A-** < 93
$87 \leq$ **B+** < 90
$83 \leq$ **B** < 87
$80 \leq$ **B-** < 83
$77 \leq$ **C+** < 80
$73 \leq$ **C** < 77
$70 \leq$ **C-** < 73
$67 \leq$ **D+** < 70
$63 \leq$ **D** < 67
$60 \leq$ **D-** < 63
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 : § 1.6	Oct 12 : § 4.3 (continued)
Aug 22 : § 1.6 (continued)	Oct 15 : § 4.4
Aug 24 : § 2.1, 2.2	Oct 17 : § 4.5
Aug 27 : § 2.3	Oct 19 : § 4.6
Aug 29 : § 2.4	Oct 22 : § 4.6 (continued)
Aug 31 : § 2.7	Oct 24 : Review
Sep 03 : No class	Oct 26 : **TEST 3**
Sep 05 : § 2.5	Oct 29 : § 5.1
Sep 07 : § 2.6	Oct 31 : § 5.2
Sep 10: Review	Nov 02 : § 5.2 (continued)
Sep 12 : **TEST 1**	Nov 05 : § 5.3
Sep 14 : § 3.1	Nov 07 : § 5.5
Sep 17 : § 3.2	Nov 9 : § 6.1
Sep 19 : § 3.2 (continued)	Nov 12 : § 6.2
Sep 21 : § 3.3	Nov 14 : § 6.2 (continued)
Sep 24 : §3.4	Nov 16 : Review
Sep 26 : § 3.5	Nov 19 : **TEST 4**
Sep 28 : § 4.1	Nov 21 : No class
Oct 01 : § 4.2	Nov 23 : No class
Oct 03 : Review	Nov 26 : Review
Oct 05 : **TEST 2**	Nov 28 : Review
Oct 08 : No class	Nov 30 : Review
Oct 10 § 4.3	Dec 07 : **FINAL EXAM 9:00 - 11:00 am**

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