**MATH 122 Section 01**
**Spring 2007 MTRF 8:15am-9:05am**
**335 Administration Building**
**Dr. Chad A.S. Mullikin**

**Contact Information :**
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Office : AB 205
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**General Information :** Lectures will be held MTRF from 8:15am until 9:05am in the Administration Building room 335. 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.

My office hours (AB 205) will be from 9:10-11:10am MTRF and 11:10-1:20 on Wednesday (or by appointment).

**Textbook :** <u>Calculus</u> $5^{\text{th}}$ ed., Stewart.

**Course Description :** This course further develops the fundamental concepts and techniques of calculus while at the same time promoting abstract problem solving skills. Topics include: applications of the integral, transcendental functions, techniques of integration, indeterminate limit forms, improper integrals, and infinite series.

**Homework and Tests :** It is critically important that a student of mathematics work problems. Simply following along in class is rarely sufficient. I will frequently assign homework. From this homework set I will select several problems (about 4 or 5) that will be graded. Since you will not know which problems will be graded it is important to work all of them. If you have any questions please feel free to email me or see me in my office hours. If you can not make my scheduled office hours then let me know and we will set up an alternate time.

Homework is to be put on the desk in the classroom at the **beginning** of the class they are to be collected. **Homework will not be accepted late for any reason**.

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: Feb 02, 2007**
> **Test 2: Mar 02, 2007**
> **Test 3: Mar 23, 2007**
> **Test 4: Apr 20, 2007**
> **Final Exam: May 04, 2007 9:00-11:00am**

*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.*

**Attendance :** Attendance is required.

**Grading :** The assignments are weighted as follows:

Tests :35%

Homework :35%

Final Exam :30%

Letter grades are awarded according to the following:

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

**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.

**Withdrawal :** Only under extreme circumstances will I award a student a W or WF after the deadline March 19. 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.

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

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| Jan 11 : Introduction | Mar 09 : § 9.1 |
| Jan 12 : Review | Mar 12 : § 9.2 |
| Jan 15 : M.L.K. Day | Mar 13 : § 9.3 |
| Jan 16 : § 6.1 | Mar 15 : § 9.3 |
| Jan 18 : § 6.2 | Mar 16 : § 9.4 |
| Jan 19 : § 6.2 | Mar 19 : § 12.1 |
| Jan 22 : § 6.3 | Mar 20 : § 12.1 |
| Jan 23 : § 6.3 | Mar 22 : Review |
| Jan 25 : § 6.4 | Mar 23 : **TEST 3** |
| Jan 26 : § 6.4 | Mar 26 : § 12.2 |
| Jan 29 : § 6.5 | Mar 27 : § 12.2 |
| Jan 30 : § 6.5 | Mar 29 : § 12.3 |
| Feb 01 : Review | Mar 30 : § 12.4 |
| Feb 02 : **TEST 1** | Apr 02 : Spring Break |
| Feb 05 : § 7.1 | Apr 03 : Spring Break |
| Feb 06 : § 7.2 | Apr 05 : Spring Break |
| Feb 08 : § 7.3 | Apr 06 : Spring Break |
| Feb 09 : § 7.4 | Apr 09 : Spring Break |
| Feb 12 : § 7.5 | Apr 10 : § 12.5 |
| Feb 13 : § 7.6 | Apr 12 : § 12.6 |
| Feb 15 : § 7.7 | Apr 13 : § 12.6 |
| Feb 16 : § 8.1 | Apr 16 : § 12.7 |
| Feb 19 : Mardi Gras! | Apr 17 : § 12.8 |
| Feb 20 : Mardi Gras! | Apr 19 : Review |
| Feb 22 : § 8.2 | Apr 20 : **TEST 4** |
| Feb 23 : § 8.3 | Apr 23 : § 12.9 |
| Feb 26 : § 8.4 | Apr 24 : § 12.10 |
| Feb 27 : § 8.5 | Apr 26 : § 12.10 |
| Mar 01 : Review | Apr 27 : § 12.12 |
| Mar 02 : **TEST 2** | Apr 30 : Review |
| Mar 05 : § 8.6 | May 01 : Review |
| Mar 06 : § 8.7 | May 04 : **FINAL EXAM 9:00-11:00am** |
| Mar 08 : § 8.8 | |

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