Syllabus for 52-154: Calculus I    Fall 2007

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Web page: There will be a course web page, http://www.southwestern.edu/~marra. This page will contain information on what we did in class, lecture outlines, and grade information (if you choose).

Office Hours: M: 10-11AM and 2-3PM, W: 9-11AM or by appointment. Feel free to email me questions also, but always include the question in case I don’t have my book handy.


Required Materials: Aforementioned book, notebook for homework, USB drive or other storage device.

Course content: Functions and graphs; derivatives, applications of differentiation. Exponential, logarithmic and trigonometric functions, integration, applications of integration. The course includes a laboratory component designed to explore applications and to enhance conceptualization.

Grades: Grades will consist of the following components:

- Homework: 200
- Quizzes: 100
- Projects: 200
- 4 Tests (75 pts. each): 300
- Final Exam: 200
- Total: 1000

Final course grades will be assigned according to the points you earned and the following scale: 980-1000=A+; 920-979=A-; 900-919=A; 880-899=B+; 820-879=B-; 800-819=B; 780-799=C+; 720-779=C; 700-719=C-; 680-699=D+; 620-679=D; 600-619=D- and 0-599=F.

Homework: See the attached sheet for information on homework.

Quizzes: I will give at least 10 quizzes this semester. These will not necessarily be announced and will each be worth 10 points.

Projects: This will consist of labs/group work assigned during lab time and a writing project to be assigned at a later date. Some of these labs will be conducted using Mathematica, which we will learn all about during the semester.

Make-up work: All assignments are to be turned in on the due date. The ONLY reason I will accept late homework OR give a make-up quiz is if you have a university excused absence with
proof IN WRITING describing the reason for your absence. Group work done during lab time can not be made up. Make-up tests are only given in RARE instances. Please take note of the exam dates above. Mark them on your calendar NOW! Any make-up work needs to be done within a week of the excused absence.

**Attendance:** I HIGHLY recommend you attend each class period. Attendance will be taken each day, and it is important to come to class to participate in quizzes and group activities that can not be made up.

**Honor Code:** Southwestern is fortunate to have an Honor Code in place. Hence, you will be required to write and sign the Pledge (see the Student Handbook) on all exams and projects. If the project is a group project, the following Group Pledge must be included and signed by all group members: *I have been a full participant in the group work represented in this report as have each of my group members. All resources used in completing this assignment have been clearly cited.*

**Accommodations:** Southwestern University will make reasonable accommodations for persons with documented disabilities. Students should register with the Office of Academic Services, located in Cullen Hall 336. Professors must be officially notified by the Access and Academic Resource Coordinator that documentation is on file at least two weeks before the accommodation is needed.

**Other thoughts:**

- I HIGHLY recommend you do all of your assignments, quizzes, and tests in pencil. Mistakes are quite easy to make and erasing is often necessary!

- Please be courteous to those around you! Turn off your cell phones and pagers, arrive at class on time, and do not talk if I’m talking.

- Feel free to ask questions. This is YOUR class and I want you to get as much out of it as possible. Don’t be afraid to come to office hours.

- Learning math is like learning a foreign language. If you don’t continually work at it each day, you’ll forget what you learned before and this is dangerous (as each chapter builds upon the previous ones). Don’t get behind!

- Above all, HAVE FUN! I promise, math isn’t so bad!

- If you choose to bring a calculator to an exam, you may only use it for computational purposes. No graphing features or programs may be used.

**Important dates:**

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<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>September 3</td>
<td>No class</td>
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<tr>
<td>September 21</td>
<td>Test 1</td>
</tr>
<tr>
<td>October 1</td>
<td>Last day to drop without record entry</td>
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<tr>
<td>October 10</td>
<td>Test 2</td>
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<td>October 15-16</td>
<td>Fall Break (no class)</td>
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<td>November 2</td>
<td>Test 3</td>
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<tr>
<td>November 5</td>
<td>Last day to drop course</td>
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<tr>
<td>November 21-23</td>
<td>Thanksgiving Break (no class)</td>
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<td>November 30</td>
<td>Test 4</td>
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<tr>
<td>December 14</td>
<td>Final (8:30-11:30AM)</td>
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