Course Information Sheet
Calculus II (Mac 2312), Spring 2013
Mon 8:00AM - 9:50AM GC 279B, W&F 8:00AM - 8:50AM PC 432

Instructor: Dr. Chongsheng Cao.
Office: DM 433B
Phone: 76247
E-mail: caoc@fiu.edu

Office Hours: 10:00 - 11:00 MWF or by an appointment.

TEXT: Calculus, Early Transcendentals,

Quiz: There will be a quiz in every week on homework type problems on sections covered during the previous days. All quizzes together count 100 points towards your course grade.

Exams: There will be three hour long exams plus the final exam. The hour exams will consist of both routine problems similar to your homework assignment and problems which may require some thought. The final exam is a comprehensive exam. Each hour exam counts 100 points towards your course grade. The final exam counts 200 points.

Calculator: You may use a graphing calculator, such as TI-89, when you do your homework. However, YOU CAN NOT USE a graphing calculator during quizzes and exams.

Grade: Throughout the section you must accumulate your points from the quizzes, hour exams, and the final exam against a grand total of no more than 600 points. The following table shows how points will be awarded over the course:

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
<th>Pts</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>quizzes</td>
<td>10</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>Midterm Exams</td>
<td>3</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>Final Exam</td>
<td>1</td>
<td>200</td>
<td>200</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>600</strong></td>
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A Few Suggestions: Success in any mathematics course requires a tendency to perfectionism. Every step of the way, strict attention to the smallest detail is absolutely necessary. If you can learn to acquire the trait of perfectionism for certain courses, you will succeed much more easily in mathematics. The other way around is even truer, that is, if you are good at learning mathematics you are probably also good at learning other subjects as well.

It is important for you to work out the homework problems as much independently as possible. Try to reason through problems even though there are formulas or algorithms ready to use. This reasoning process is the essential part of the mathematical thought process. You should also do your homework in a timely fashion. Like most math courses, the material is very cumulative and therefore is easy to get behind. Time can be your friend as much as your foe.

Always read ahead. I will plan class activities assuming you have done the reading. As you read the text, concentrate on the general development first. Details of calculus and algebra are generally left to the reader; and eventually the reader should confirm all calculations. As a general rule, one should consider a pencil and scratch paper as essential equipment for reading mathematics.

Should you have any questions, speak up in class, seek individual help from me.