Course Information
Mathematics 151, Calculus I, Sections 13, 14, 15
Spring Semester 2005

Homepage
http://www.rci.rutgers.edu/~yzhuang/math/151-s-05.html

Weekly Schedule
Day Component Period Location
Monday Lecture 7 CA A5
Wednesday Lecture 7 CA A5
Monday Recitation and workshop 6 FH B4
Monday Recitation and workshop 8 FH B5
Monday Recitation and workshop 9 FH B4

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Office Hours Monday and Wednesday, 2:30 to 3:30 pm and by appointment

Teaching Assistant and Peer Mentors
Section Teaching Assistant Peer Mentor
13      Thomas Robinson       Stephen Angilletta
14      Thomas Robinson       Marc Leili
15      Thomas Robinson       Michael Kemner

Examination Dates
First Examination Wednesday, February 23
Second Examination Monday, April 11
Final Examination Thursday, May 5, 4-7 PM

Both the first and second examinations are held at the regular class time and in the regular meeting room. The location of the final examination will be announced near the end of the term. The final examination given in this course is common to all sections of Math 151.


Graphing Calculator  A graphing calculator is required for this course. We have traditionally used the TI-82 or 83 and recommend either of them, but any calculator with equivalent capacities can be used, such as the popular TI-85 or 86. Calculators will not be permitted on final exams.

Grading Policy  The various components of the course are weighted as follows in the determination of your course grade.

First hour exam:  100 points
Second hour exam: 100 points
Written workshop assignments:  50 points
Quizzes and homework: 50 points
Final exam: 200 points
Total: 500 points

Collection of Written Assignments and Attendance
1. Written workshop assignments are due the following Thursday in the workshop. Late write-ups will not be accepted.
2. Similarly, late homework will not be accepted.
3. Workshop attendance is mandatory and significant absence will adversely affect your grade.

Examination Rules
No books, notes, or calculators may be used in taking the examinations.

Schedule for Homework

<table>
<thead>
<tr>
<th>Date</th>
<th>Sections from which homework is due</th>
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<tbody>
<tr>
<td>Monday, Jan 24</td>
<td>Appendices A,B, 1.1–1.5</td>
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<tr>
<td>Monday, Jan 31</td>
<td>Appendix D, 1.6, 2.1, 2.2</td>
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<tr>
<td>Monday, Feb 7</td>
<td>2.3, 2.4, 2.5</td>
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<tr>
<td>Monday, Feb 14</td>
<td>2.6, 2.7, 2.8, 2.9</td>
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<tr>
<td>Monday, Feb 21</td>
<td>3.1, 3.2, 3.3, 3.4</td>
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<tr>
<td>Monday, Feb 28</td>
<td>3.5, 3.6</td>
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<td>Monday, Mar 7</td>
<td>3.7, 3.8, 3.10</td>
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<tr>
<td>Monday, Mar 21</td>
<td>3.11, 4.9, 4.4</td>
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<tr>
<td>Monday, Mar 28</td>
<td>4.1, 4.2, 4.3</td>
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<tr>
<td>Monday, Apr 4</td>
<td>4.5, 4.6, 4.7</td>
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<tr>
<td>Monday, Apr 13</td>
<td>4.10, 5.1, Appendix E</td>
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<td>Monday, Apr 18</td>
<td>5.2</td>
</tr>
<tr>
<td>Monday, Apr 25</td>
<td>5.3, 5.4, 5.5</td>
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Workshop: Homework, Quizzes, Workshops
The Recitation and Workshop will be devoted to going over homework problems, having short quizzes, and doing workshop problems.

The first half hour of the period will be reserved for going over homework. Sometimes a short quiz may be given. The remainder of the time will be used for doing workshop problems. These problems will consist generally of 3-6 problems, handed out at the beginning of the workshop. The workshop problems are generally somewhat more difficult and open-ended than the regular homework problems. Students work on these problems in small groups and cooperative effort is encouraged. While joint work is appropriate for the workshop, the final write-up of the problems should be your own. The teaching assistant and peer mentors are there to advise you with strategies for approaching the problem. In the workshops devoted to review exams for the hour exams and for the final exam, they will answer any questions that you want answered.

The workshop problems that will be collected will be announced at the end of each workshop. These are due during the following workshop. The grading will take into account not only the accuracy of your solution, but also the quality of your exposition. Thus, for example, the problem should be stated, all notation defined, diagrams clearly labelled, and steps fully explained. Neatness and legibility are important.

Each week homework problems will be collected. Again, presentation, as well as mathematical correctness, is important.