Math 311 Advanced Calculus I - Course Policies
Section 04 MWTr 5pm - 6:20pm, SEC 218

Instructor: Nathan Corwin
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Course web site: http://www.math.rutgers.edu/~nacorwin/F13Math311/311.html

Office Hours: Wednesday 1-3pm, Thursday 3:15-4:45pm, by appointment.

Hour Exams: There will be two one (midterm) (80 minute) exams, given in class. Each hour exam will be worth 100 points. The dates of the exams are as follows:

Exam I: Thursday October 17
Exam II: Tuesday, November 26

Prior notice is REQUIRED if an exam cannot be taken on schedule with the class. Make-up exams will only be scheduled with prior approval from me. Documentation of excuse may be required for a make-up exam to be approved.

Final Exam: The comprehensive final exam will be given on

Tuesday, December 17, 8-11 am.

The room for the final will be announced at a later date.

Quizzes: A short definition/theorem quiz will be given every Thursday at the beginning of class.

If you miss a quiz, you will receive a zero; NO EXCEPTIONS.

Workshops: We will usually have one workshop session each week, usually on Wednesday. Workshops are essential for learning the course material. Students will work in small groups on specially constructed problem sets. Most problems will deepen understanding of recently presented material. Some problems will connect recent material to earlier material in the course. Some problems will provide motivation for upcoming material.

The lecturer will circulate among the groups coaching, but not demonstrating solutions. The goal at first is to offer ideas for analyzing the problem. Later in the term the goal is to ensure that groups can make use of the ideas offered repeatedly earlier.

At the end of each workshop session, one problem will be assigned to be written up and submitted at the next workshop. While students are encouraged to work together outside of class, the write-ups are to be done individually. These write-ups will be graded on two scales: 0-6 for content and 0-4 for exposition. Good reasoning and good mathematical exposition may be more valuable in the long run than any particular piece of mathematical technique.

If a student has made an honest effort but not achieved much success, I may permit the student to revise the write-up and resubmit it. In such cases I will replace the original score by the average of the original score and the score on the revised write-up.
Directions for workshop write-ups:

- Each write-up is a short technical report. It should be a well-considered professional document; not a first draft.

- Write on one side only. Put your name on each page. Number pages. Maintain at least a one-inch margin on all four sides. Staple all pages together (in the upper right hand corner of the page).

- Edit carefully. Use correct spelling and grammar.

- Begin each problem with a statement of the problem or task. This statement should be self-contained.

- In a new paragraph, using an appropriate caption like “Result” or “Proof”, state the result of the task. If you use any notation in the result that is not defined in the statement of the task be sure to carefully explain or define it.

- Include diagrams or graphs if these will help the reader follow the work. Include special cases if that will help. Lay out your computations and your reasoning clearly. Where your work relies on results already proved in this course, be sure to cite them. You do not need to cite reasons for basic algebraic manipulations. Think of your proofs as explaining why a result is valid.

Homework:
I will assign about 10 textbook exercises a week for to be worked on. These will be due one week after they are assigned. Of these, some (not all) will be graded. Similar care to the workshops should be taken in preparation of the handed in copy of the homework.

Homework will be due one week after it is assigned, usually on Thursday.

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>50 points</td>
</tr>
<tr>
<td>Hour Exams</td>
<td>200 points (100 points each)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200 points</td>
</tr>
<tr>
<td>Workshops</td>
<td>100 points (10 points each)</td>
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<tr>
<td>Homework</td>
<td>50 points</td>
</tr>
<tr>
<td>Total</td>
<td>600 points</td>
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The final letter grade will depend on the number of points earned by the student in the course. A student will receive an A if they earn 510 points, no lower than a B if they earn 450 points, and no lower than a C if they earn 390 points.

Attendance: Regular attendance is essential for completing this course.

Participation: Your participation in class is essential! If you have a question, feel free to raise your hand and ask. If I make a mistake, please correct me. If I ask a question, please speak up with your response. There will be a lot of group work in the class. Participation includes trying the problems, helping members of your group understand solutions that you understand, and listening as others explain solutions.

Courtesy and Academic Integrity: Turn off and put away cell phones during class. If you need to leave class early or enter class late, do so quietly. Show respect to your fellow classmates at all times. All work you turn in must be your own. ACADEMIC DISHONESTY WILL NOT BE TOLERATED AND MAY RESULT IN A FAILING GRADE FOR THE COURSE!

For more information on the Rutgers University Policy on Academic Integrity, please look at: http://academicintegrity.rutgers.edu/policy-on-academic-integrity

I reserve the right to make changes to the above class policies at any time.