Math 350 - Course Policies
Section 10  MW 7:40pm - 9pm, Scott Hall 205 CAC

Instructor: Nathan Corwin
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Office: Hill Center 517

Office Hours: Tuesday 1:40pm-3:00pm, Wednesday 3:20pm-4:40pm, and by appointment.

Hour Exams: There will be two (midterm) (80 minute) exams, given in lecture. Each hour exam will be worth 100 points.

Exams will be closed book and student-prepared formula sheets will not be permitted. Note, the hour exams are written by the lecturers and different sections will have different exams.

The dates of the exams are as follows:

Exam I: 4 March
Exam II: 8 April

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

   Wednesday, May 13, 8-11 pm.

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

Course purpose: Math 350 is one of two courses most mathematics majors may take to satisfy the upper-level algebra requirement. The other is Math 351.

Course Catalog: Continuation of 01:640:250. Abstract vector spaces and linear transformations, inner product spaces, diagonalization, and canonical forms.

Course topics: The course will cover the bulk of the material in Chapters 1-7 of the text. The planned content of each lecture is described on the course schedule.

Grading: The term grade will be based on the results of the examinations and homework.

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<th>Points</th>
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<tr>
<td>Hour Exams</td>
<td>200 (100 each)</td>
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<td>Final Exam</td>
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<td>HW</td>
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<td>Total</td>
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Grading standards: The course grade is determined by the number of points the student earns out of a total 525 points. Approximate grade cutoffs are A= 472-525, B+/B= 420-471, C+/C= 367-419, D= 315-366, and F=0-314, HOWEVER, these cutoffs may be rescaled after the final examination has been administered.

Students whose exam grades all are near bare passing or are failing may fail the course in spite of numerical averages: students must show that they can do adequate work connected with this course independently and verifiably.

Students who miss a significant number of classes may have their course grades lowered.

Homework: There will be fairly regular homework assigned. I expect to assign about 5 to 10 exercises a week for you to work on. I will assign about 3 to 5 of these to be turned in. These will be due one week after they are assigned. Of these, some (usually not all) will be graded.

Homework will be due one week after it is assigned.

Directions for homework write-ups:

- Each turned in assignment 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.
- Edit carefully. Use correct spelling and grammar.
- Begin each problem with a statement of the problem.
- Proofs should include English words, not just math symbols.
- Each homework problem will be graded on a scale of 0-5. Remember, the grader cannot grade your mathematics unless its exposition makes it clear what is going on.

I have been known to put homework problems on exams. Obviously, it is to your benefit to learn from doing the homework and to learn more from the reader’s comments and from the class discussions.

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.

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.