

Math 373 Numerical Analysis

Course Policies

MW 6:10-7:30 pm Scott Hall 119

Instructor: Nathan Corwin

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Office: Hill Center 517

Class web page: <http://www.math.rutgers.edu/~nacorwin/F14Math373/373.html>

Office Hours: Tuesday 1:00-2:30pm, Thursday noon-1:30pm, **or** 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 although a student-prepared hand written formula sheet on a standard 8.5 by 11 inch sheet of paper will be permitted.

Electronic calculators or computers will not be permitted. (This includes cell phones.)

The dates of the exams are as follows:

Exam I: Wednesday October 8

Exam II: Monday, November 17

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

Monday, December 15, 8-11 pm.

Course topics: The course will cover the bulk of the material in Chapters 2-5 of the text. The course catalog states: An analysis of numerical methods for the solution of linear and nonlinear equations, approximation of functions, numerical differentiation and integration and the numerical solution of initial and boundary value problems for ordinary differential equations.

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

Hour Exams	200 points (100 points each)
Final Exam	200 points
Homework	100 points
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Total:	500 points

Homework: Homework assignments will be assigned each week. Since I intend to post solutions, late homework assignments pose a problem. Generally, no late homework will be accepted, although students with exceptional circumstances may be granted a short extension.

Homework is an assignment turned in for a grade. It is expected that the turned in assignment will be prepared in an appropriate manor. The presentation should be neat (the fringe should be removed if the paper is torn out of a spiral notebook, work kept within the margins, etc.) with all appropriate work appearing and clear. If multiple pages are handed in, they should be stapled together.

Attendance: Regular attendance is essential for completing this course. Attendance may be a factor in deciding borderline grade situations. You are responsible for all material covered in lecture as well as all announcements made in lecture, even if the announcements are not also made by email or posted on the course web site.

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.

Matlab: Part of the course involves computer implementation of the algorithms discussed in lecture. Some prior programming experience is desirable, although not essential. The computer assignments are fairly short. The Computer language Matlab will not be taught in the course although a list of common commands will be provided along with some sample code. Please see me if you are having trouble with the programming part of the course.

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.