

Syllabus for Math 3345, Autumn 2016

Professor. David Penneys
Office. Math Tower (MW) 752
Hours. (Subject to change) MW 2-3; F 9:30-10:30
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Course website. The course website is:
<https://people.math.osu.edu/penneys.2/3345/Math3345Autumn2016.html>

Textbooks. Neil Falkner's course notes: The fundamentals of higher mathematics

Prerequisites. Major or minor in Math, CSE, CIS, or ECE, and: If Math: Prereq: A grade of C- or above in 2153, 2162.xx, 2173, or 2182H, or credit for 254.xx, 263.xx, 263.01H. If CIS, CSE or ECE: Prereq: A grade of C- or above in CSE 2321; and a grade of C- or above in 1161.xx, 1172, 1181H, 1534, 1544, 1152, or 4181H, or credit for 153.xx, 154, 162.xx, or 162.01H.

Homework. I will assign weekly homework assignments. The assigned problems are a lower bound of what the student is expected to do. Students may work together to solve the problems, but each student is responsible for their own solutions. In particular, students must write up solutions separately, and any copying will be regarded as academic misconduct/plagiarism. Students may use whatever resources they want for their homework, but they must cite all resources.

Homework will be due at the beginning of lecture on Fridays.

There is a strict format for homework. Students should hand in a final copy of their homework on plain white paper without lines, perforations, or holes. Please use a new page for each problem. The final copy should represent the student's best effort, as homework will count for a large portion of the class grade. Students may choose to typeset their homework with L^AT_EX, in which case they do not need to stick to one page per problem.

In the event that homework is not completed in the required format, the homework will be directly returned to the student, who may hand it in at the next class at a penalty of half the points for that homework.

Exams. There are two midterms and a final exam.

Midterm 1: Friday September 16, during lecture

Midterm 2: Friday October 28, during lecture

Final exam:

- (1) 11:30-12:25 class: Thursday, Dec 15 10:00am-11:45am
- (2) 12:40-1:35 class: Thursday, Dec 15 2:00pm-3:45pm

There will be no makeup exams. A missed exam will count for a zero for that test. (See grading option (2).)

Grading. There are two grading options for each student:

- (1) 30% Homework 15% Midterm 1 15% Midterm 2 40% Final
- (2) 30% Homework 15% Higher midterm 55% Final

The instructor will automatically pick the option that results in a higher grade.

If a student must miss more than one test for reasons beyond their control, in extremely rare circumstances, with prior consent from the instructor, the final will count for a higher percent of their grade.

Incomplete grades. From

<http://artsandsciences.osu.edu/academics/current-students/advising/policies>

An 'I' indicates that a student has completed a major portion of the work in the course in a satisfactory manner, but for reasons judged by the instructor to be legitimate, a portion of the course requirements remains to be completed. If illness or an emergency prevents you from finishing a course, you may request an 'Incomplete' from the instructor. When you receive this grade, you must consult with the instructor as soon as possible to make arrangements for completing the course requirements. Incomplete work must be completed no later than the sixth week of the following semester. If the work is not made up by the due date, the 'I' mark will be changed to the alternate grade the instructor reported.

Academic honesty. Please don't cheat. The Code of student conduct can be found here: <http://studentaffairs.osu.edu/csc/> Please read this document carefully. Any suspected academic misconduct will be referred to the Committee on Academic Misconduct.