

Syllabus for Math 2568, Spring 2019

Professor. David Penneys

Office. Math Tower (MW) 752

Hours. (Subject to change) W 10:00-11:00; F 3-4

Email. penneys.2(at)osu.edu

Course website. The course website is:

<https://people.math.osu.edu/penneys.2/2568/2019/Math2568Spring2019.html>

Textbooks. Linear Algebra and Differential Equations using MATLAB by Martin Golubitsky and Michael Dellnitz. Available free online at the website listed on Carmen/Canvas.

Prerequisites. A grade of C- or above in 1172, 1544, 2153, 2162.xx, 2182H, or 4182H; or a grade of C- or above in both 1152 and CSE 2321. Not open to students with credit for 4568 or 5520H.

Homework. I will assign weekly homework assignments. Homework will be due at the beginning of lecture. 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.

Exams. There are two midterms and a final exam.

Midterm 1: Friday February 15, during lecture

Midterm 2: Friday March 29, during lecture

Final exam: Tuesday April 30, 4-5:45pm

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) 20% Homework 20% Midterm 1 20% Midterm 2 40% Final

(2) 20% Homework 20% Higher midterm 60% 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 Misconduct Statement. It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-48.7). For additional information, see the Code of Student Conduct at <http://studentlife.osu.edu/csc/>.

Disability Services Statement. Students with disabilities (including mental health, chronic or temporary medical conditions) that have been certified by the Office of Student Life Disability Services will be appropriately accommodated and should inform the instructor as soon as possible of their needs. The Office of Student Life Disability Services is located in 098 Baker Hall, 113 W. 12th Avenue; telephone 614- 292-3307, slds@osu.edu; <http://slds.osu.edu>