

Math 489. Dynamics & Differential Equations
Spring 2021
Syllabus

Instructor: Zoi Rapti
Email: zrapti@illinois.edu

Synchronous Zoom meetings: MWF 9:00-9:50 AM.

All course materials and announcements will be in Compass2g.
All synchronous meetings (lectures/office hours/exams) will be hosted via Zoom.

Textbook:

K. T. Alligood, T. D. Sauer, J. A. Yorke, Chaos: An introduction to dynamical systems, Springer.

Lecture Coverage:

We will cover parts of chapters 1-5, 7-9 and 11.

Homework: Homework will be assigned every Friday due the following Friday. You should submit your homework in Compass2g. Late submissions will not be graded. All solutions should be submitted as a single pdf file. Please do not upload jpg files. Place the problems in the right order (that is, in sequence) and with the right orientation (so they do not have to be rotated). You may use the CamScanner app for more convenient scanning. One feature that is very useful is the 'Batch' feature that gives you the option of forming a single pdf after you take the pictures in sequence. It is compatible across devices, free, and very convenient to use as well. We all need to make sure we respect the grader's time.

Grading Policy:

Homework 20%
Hour Exams 50%
Final Exam 30%

Make-Up Policy:

Make-up exams will be given ONLY if you are excused for a university related activity or if you have experienced a medical emergency. Appropriate documents must be provided in any case.

Academic Integrity:

Academic integrity is taken very seriously. Please review Article 1-Student rights and responsibilities, Part 4, section 1-402 of the student code.

http://studentcode.illinois.edu/article1_part4_1-402.html

Communication Plan: The instructor should be contacted by email. A response will be sent within two business days. All course announcements will be through Compass2g.

Exam Dates:

Hour Exam 1 Wednesday, February 24, 9:00-9:50 AM.
Hour Exam 2 Wednesday, March 31, 9:00-9:50 AM.
Final Exam Thursday, May 13, 8:00-11:00 AM.