

General Information

Instructor:¹ Chris Eppolito

Email: eppolito-at-math-dot-binghamton-dot-edu

Meeting: MTWRF 9:50am – 11:50am in SL210

Website: <https://www2.math.binghamton.edu/p/people/grads/eppolito/math324-01-su19>

Office Hours: By appointment in WH310

Textbook: *A First Course in Differential Equations with Modeling Applications (11e)* by Zill

Content

This course will introduce you to basic techniques and theory in solving simple ordinary differential equations, initial value problems, and boundary value problems. Time permitting we will also cover numerical methods for approximating solutions as well as some real-world applications of our methods in various disciplines.

Class Resources

I keep a short summary of topics covered on a given day on my website. I recommend that you check there daily.

We will use [KhanAcademy.org](https://www.khanacademy.org) for videos and other resources for this course. I have emailed the course code to enrolled students. Students will be expected to watch certain videos, and will be quizzed on said videos.

I will sometimes recommend other materials to read or watch. These will be posted on our website.

Course Schedule

This is a tentative schedule for the course:²

What	When
Midterm 1	4 June
Midterm 2	12 June
Midterm 3	20 June
Final	28 June

If you know in advance that you have to miss a day, let me know (via email) immediately.

Grading

Here is the distribution of your grades:

Item	Worth
Homework and Quizzes	25%
Midterm 1	15%
Midterm 2	15%
Midterm 3	15%
Final	30%

You earn your grades in this class; I merely record them...

I *will not under any circumstances* email you your grades per FERPA.

I do not accept late homework or give make-up quizzes without proper documentation.

I do not give make-up exams unless these are unavoidable. If you find yourself in such a situation, you must immediately gather evidence and report this to me to obtain permission to make-up an exam.

Academic Accommodation

Students requesting disability-related accommodations should register with the Services for Students with Disabilities office (SSD). They are the appropriate entity on campus to determine and authorize disability-related accommodations. The office is located in the University Union, room 119. Phone number 607-777-2686. For students already registered with SSD, please provide your academic accommodation letter as soon as possible so that we can discuss the implementation of your accommodations.

¹All items herein are subject to change at the discretion of the instructor.

²A more complete schedule of topics is found on my website.