

MATH 324: ODE's for Scientists/Engineers
Section 1 Winter 2017
MTWRF 10-12 and 1-3 in SW 202

Instructor: Patrick Milano
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Office Hours: By appointment.

Prerequisites: A grade of C- or better in Math 227 (or equivalent) is required.

Textbook: *A First Course in Differential Equations with Modeling Applications* by Dennis G. Zill.

Course Objectives: The course will cover first-order equations (separable, linear, homogeneous, exact, substitutions), second-order linear equations (annihilator method, variation of parameters), applications (oscillations, resonance, circuits), Laplace transforms, and power series solutions.

Grades: Assignments are weighted as follows.

Exam 1	25%
Exam 2	25%
Final Exam	40%
Quizzes	10%

A grading scale will be determined at the end of the term.

Exams: There will be three exams including a final exam. Barring *very* exceptional circumstances, there will be no make-up exams.

Quizzes: There will be a short quiz almost every day of class. Barring *very* exceptional circumstances, there will be no make-up quizzes. Your lowest quiz score will be dropped.

Academic Honesty: Any instances of academic dishonesty will be prosecuted. The instructor reserves the right to award a failing grade to any student that is found guilty of academic dishonesty. See Binghamton University's Student Academic Honesty Code for more details.

Important Dates:

Add/Drop deadline	Wednesday, December 21 st
Exam 1	Friday, December 23 rd
Withdraw deadline	Wednesday, January 4 th
Exam 2	Friday, January 6 th
Final Exam	Friday, January 13 th