



MAP 2302 – Elementary Differential Equations– Spring 2016

Section 7742, Little Hall 101, MWF 4th period (10:40 – 11:30)
Section 3142, Little Hall 203, MWF 3rd period (9:35 – 10:25)

Professor Bruce H. Edwards
409 Little Hall
(352) 294-2303
bruceedwards@ufl.edu

Office Hours

Monday, Wednesday, Friday 8:00 – 9:20. Also by appointment.

Daily Schedule — Topics and homework

Prerequisites and Placement

Textbook

Differential Equations with Boundary Value Problems, 8th edition, by Zill and Wright, Cengage, 2013.

Course Description

This course covers solution techniques for ordinary differential equations. These equations arise in all areas of science and engineering. Our topics will include first-order differential equations, higher order equations, linear equations, series solutions, and the Laplace transform.

Website: people.clas.ufl.edu/bruceedwards/map230216/

Homework

Exercises from the text will be assigned and discussed in class. These exercises, along with classroom examples, will form the basis for all exams.

Quizzes

There will be 13 unannounced 2-point quizzes given throughout the semester. The best 10 scores will determine your quiz total.

Tests (Written medical documentation is required for makeup tests.)

Test 1: Friday, January 29
Test 2: Monday, February 22
Test 3: Friday, March 25
Test 4: Monday, April 18

100 Total Points

- Four 20-point tests: 80
- 10 2-point quizzes: 20

Grade

- A: 90 – 100%
- A-: 87 – 89.99%
- B+: 84 – 86.99%
- B: 80 – 83.99%
- B-: 77 – 79.99%
- C+: 74 – 76.99%
- C: 70 – 73.99%
- D: 60 – 69.99%
- E: 0 – 59.99%

University Resources and Policies

- [Disability Resources](#)

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

- [Honor Code](#)

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class."