



## MAP 4305

Intermediate Differential Equations Spring 2016

### Text

Differential Equations with Boundary-Value Problems, eight edition

Dennis Zill & Warren Wright

### Time and Location

M W F 7th Period, Building Room: LIT 207

Office hours: TBA

## Course Content and Objectives

1. Fourier series
2. Boundary-Value problems in rectangular coordinates
3. Boundary-Value problems in other coordinates
4. Integral transform  $\Rightarrow$
5. Systems of linear first-order differential equations
6. Plane autonomous systems

## Homework, Quiz and Exams

Homework will be assigned daily, announced in lecture. There will be weekly quizzes. Two points per quiz and the 20% of the course grade will be coming from the quiz grade. There are four exams, each will be 20% of the course grades.

### Grading Scale

The course grade will be computed by adding the exam scores and the quiz grades. Grades will be assigned according to the percentage scale: 90 A, 87 A-, 83 B+, 80 B, etc.

### Attendance

Attendance is recommended

### Academic Honesty

The course will be conducted in accordance with the University honor code and academic honesty policy, which can be found in the student guide <http://www.dso.ufl.edu/studentguide.html>

### Accommodation for students with disabilities

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation.