

# Math 307 — Autumn 2012

## 1. General Information

**Instructor:** Nathan Grigg

**Email:** grigg@uw.edu. Please include the number 307 in the subject line of all emails. Example subject: "Homework 3 grade entered incorrectly (307)".

**Class web page:** <http://staff.washington.edu/grigg/math307>. You are expected to monitor the website for announcements, lessons, and homework assignments. You may sign up to receive announcements by email or subscribe to the RSS feed.

**Textbook:** *Elementary Differential Equations and Boundary Value Problems* by Boyce and DiPrima, 9th edition. You may use the custom edition that the University Book Store sells. If you plan to take Math 309, it may be more economical to buy the full textbook instead.

## 2. Class Format

**Before class.** You will begin by reading over the lesson. On the "lessons" section of the class website, I will post some notes or a reading assignment and usually a video and a practice problem. You should read, watch, and do what the lesson says to do before coming to class.

**In class.** We will do harder practice problems together, and discuss the more difficult methods and concepts. You will ask questions.

**After class.** I will assign homework problems for you to do outside of class, to make sure that you really understand the material.

For most of you, the 30 or 40 minutes that you spend going over the lesson before class will save you time in the long run. You will spend less time being stuck on the homework or reviewing lecture notes after class. Also, because we will have more time to do practice problems in class, I am able to make the homework assignments shorter.

## 3. Quizzes and Exams

We will have six short quizzes. The quizzes will test your understanding of the basic skills and will be very similar to the homework problems. After the first three quizzes, we will have a make-up quiz, which will allow you to improve the score you received on one of your first three quizzes. We will do the same thing after the last three quizzes. Other than this, there will be no opportunity to make up missed quizzes. The quizzes are worth 20% of your total grade.

The midterm will be on October 31. The questions on the midterm will be more difficult than the quiz questions. The midterm will be worth 25% of your total grade.

The final exam will be on December 12 at 8:30 am, as listed on MyUW. It will be worth 40% of your grade, and will test your cumulative knowledge.

#### **4. Office Hours**

I will hold office hours on Tuesdays from 3:00 pm to 4:00 pm and Thursdays from 4:00 pm to 5:00 pm in Art 336.

#### **5. Homework**

Homework assignments are posted on the class website. Homework will be worth 15% of your total grade.

##### **Late Homework Policy**

I will not accept late homework.

You may put homework in my mailbox (in Padelford) or send it to class with a friend. You may, as a last resort, scan it and email it to me before class.

I will allow you to miss one homework if you do all of the following:

1. Complete the homework anyway
2. Bring it to my office hours as soon as possible, and within a week.
3. Convince me your circumstances were inescapable.
4. Explain to me a problem of my choice on the board.

You will get a blank score for your assignment, and your grade will be calculated as if the assignment didn't exist. Your assignment will not be graded. You may only do this once.

#### **6. Important information**

If you have a disability or other special circumstance that requires accommodation this quarter, please alert me as soon as possible.

I do not tolerate academic dishonesty. If I see evidence of dishonesty, I will report it to the dean.