

Mathematics 135

Winter 2010

Instructor: John Palmieri, Padelford C-538, 543-1785, palmieri@math.washington.edu, office hours Wednesdays 1:30-3:30, drop in, and by appointment. I am often free at other times, and you can always send questions by email.

TA: Trevor McCarten, Padelford C-115, tjmc19@u.washington.edu, office hours TBA.

Class time and place: MTWThF 10:30–11:20, MLR 316

Web page: <http://www.math.washington.edu/~palmieri/Math135/> or
<http://faculty.washington.edu/jpalmier/Math135/>

Text books: *Calculus, One and Several Variables*, tenth edition, by Salas, Hille, and Etgen; *Ordinary Differential Equations* by Tenenbaum and Pollard.

Goals. Study infinite sequences and series, differential equations, and vector calculus.

Class structure. Same as last quarter.

Quiz sections and the TA. Just like last quarter, on Thursdays you will meet with the TA, Trevor McCarten. This is a good time to ask questions about the homework and other material from the course. There will also be quizzes most Thursdays. Trevor will also hold regular office hours.

Homework. I will assign homework weekly; see the course web page for the assignments. Homework will be due in class **each Thursday**.

Midterms. We will have two midterm exams: the first will be on **Wednesday, January 27**, and the second on **Friday, February 26**. Just like last quarter, after I've graded each midterm, you will have a few days to correct some of your mistakes for some extra credit.

The final exam is on **Monday, March 15, 8:30–10:20am**.

Grading. The various components of the course are weighted as follows:

midterms	40% (20% each)
final	30%
homework	20%
quizzes	10%

I will drop your lowest homework score and your lowest quiz score at the end of the quarter.

The mathematics. As noted above, we'll be studying infinite sequences and series, differential equations, and vector calculus. This covers material from Math 307, some of 327, and a bit of 126. We'll be covering Chapters 11-14 in Salas, Hille, and Etgen, and assorted parts of Tenenbaum and Pollard (focusing on Lessons 19-40).

Next quarter you will cover the rest of the material from Math 126 as well as from Math 308, matrix algebra and linear algebra. There will likely be another text book for that material.