

Mathematics 136A

Spring 2012

Instructor: John Palmieri, PDL C-538, 543-1785, palmieri@math.washington.edu, office hours Wednesdays 1:30-3:30.

TA: Ian Zemke, PDL C-115, ianzemke@u.washington.edu, office hours TBA.

Web page: <http://faculty.washington.edu/jpalmier/Math136/>

Text books: *Linear Algebra Done Wrong*, by Sergei Treil (available for download from the author's web page); *Calculus, One and Several Variables*, tenth edition, by Salas, Hille, and Etgen.

Goals. Study linear algebra (covering at least Chapters 1–4 and some of 5 in Treil's book) and multivariable calculus (Chapters 15–17 of Salas, Hille, & Etgen).

Class structure. Same as last quarter: meet with Professor Palmieri every day but Thursday, meet with Ian on Thursdays.

Quiz sections and the TA. On Thursdays you will meet with the TA, Ian Zemke.

Homework. Weekly, just like last quarter, due **each Thursday**.

Midterms. We will have two midterm exams, on **Friday, April 20** and on **Friday, May 11**. After I've graded each midterm, you will have a few days to correct some of your mistakes for some extra credit. I'll give you more details as the time approaches.

The final exam is on **Monday, June 4, 8:30–10:20am**.

Projects. This quarter, you will work on a project which explains some application of linear algebra. You will work in groups of 2 or 3 people. The final draft of the project is due on **Wednesday, May 30**. There will be several intermediate due dates in addition: I will provide details in a few weeks, along with suggestions for some possible topics.

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

midterms	40% (20% each)
final	25%
homework	20% (I will drop your lowest homework score)
quizzes	5%
project	10%

At the end of the year, the Mathematics Department gives a prize to the best student from Math 134/5/6. The prize is a book and a cash award; it is well worth winning. In the Mathematics Department Lounge, Padelford Hall, first floor, opposite the Mathematics Departmental office, there is a plaque on the wall with the names of recent winners of this prize; I encourage you to go look at it.