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Office hours: Mondays and Wednesdays 12:45–1:45, or by appointment
Class meets in Architecture 215, MWF 1:55–2:45

Textbook

How to Prove It (3rd Edition) by Daniel Velleman

Syllabus

This course is an introduction to formal mathematics. The emphasis in this course is not on learning facts, but rather on writing clear and rigorous proofs. Some of the material covered in this course may already be familiar to you. The goal is to understand and write about this material in a formal mathematical way.

Homework

Homework problems will be assigned and collected on a regular basis. You are encouraged to discuss the problems with your classmates, but any work you turn in must be your own. Late homework will not be accepted.

Exams

Friday, September 15, in class.
Friday, October 13, in class.
Wednesday, November 8, in class.
Thursday, December 14, 10:00–12:00 (final).

Grading

Each in-class exam is worth 20% of your final grade, the final is worth 40%, and the homework assignments are worth a total of 20%. I will drop your lowest in-class exam score (or half of your final exam) to make the total add up to 100%. Your grade will be determined by the following scale:

$90 \le x \le 100 : \text{A}$	$85 \le x < 90 : \text{A}-$	$80 \le x < 85 : \text{B}+$
$75 \le x < 80 : \text{B}$	$70 \le x < 75 : \text{B}-$	$65 \le x < 70 : \text{C}+$
$60 \le x < 65 : \text{C}$	$55 \le x < 60 : \text{C}-$	$50 \le x < 55 : \text{D}+$
$45 \le x < 50 : \text{D}$	$40 \le x < 45 : \text{D}-$	$0 \le x < 40 : \text{E}$