

Concepts of Probability

Stat 134 with Adam Lucas, Fall '19.

Syllabus

Instructor:	Adam Lucas
Lectures:	MWF 8-9 am in 150 Wheeler
Email:	alucas AT berkeley DOT edu
OH:	MWF 9-10 am in SLC in Cesar Chavez Student Center
Head uGSIs:	Neil Sharma and Yiming Shi
Textbook:	<i>Probability</i> , Jim Pitman. Students can view and download the text online at SpringerLink (campus network access required). An affordable paperback copy may also be purchased through this link.
GSI OHs:	Office hours available on the Staff page.
Prerequisites:	Mastery of the material in Appendices 1-4 of the text, fluency with calculus (derivatives and integrals) in two variables, and – these are crucial – clear logical reasoning and strong problem-solving skills. Test yourself on some practice problems .
Class Website:	The primary class website is stat134.org . bCourses will be used primarily to record your grades and for announcements.

Piazza: There will be a student run Piazza site for this class. The top 10 student answerers (i.e. students who respond to other student's questions) will get up to 1% extra credit added to their final grade total in bCourses after the curve.

Homework: Assignments are posted on the Homework tab [here](#). They are due each Thursday by 11:59 pm on Gradescope.

Submissions will be graded on a 0/1 scale. Each assignment will consist of 8 problems. A good attempt at 6 or more problems will receive the score of 1; anything else will get 0. Course staff will define what constitutes a "good attempt." We will be looking for reasoning and detailed work shown – it is assumed that you will show work or provide reasoning whether or not the question asks for it.

Your **two lowest** homework scores will be dropped from the computation of the homework component of your final grade.

No late homeworks will be accepted and cheating will not be tolerated. While you are encouraged to work with other people, you must write up your own solutions.

Quizzes: There will be six short quizzes during the term, in section, on the dates listed below. Quizzes will not be given at any other time. You must take your quiz in the section in which you are enrolled. Students with DSP accommodations must contact Prof. Lucas to make arrangements as necessary.

Q1: Wednesday, September 11

Q2: Wednesday, September 18

Q3: Monday, September 30

Q4: Wednesday, October 30

Q5: Wednesday, November 13

Q6: Wednesday, December 4

Your **lowest** quiz score will be dropped from the computation of the quiz component of your final grade.

Exams: Midterm: Wednesday, October 16, in lecture.

Final: Monday, December 16, 7-10 pm. Location TBA.

Grading: **Maximum Of:**

- 10% Homework, 25% Quizzes, 20% Midterm, 45% Final
- 10% Homework, 25% Quizzes, 65% Final

Your lowest quiz score and two lowest homework scores will be dropped.