

EE 131A-80 Course Information Sheet

1) All course-related materials will be posted at the CCLE website.

2) Teaching Staff and Office Hours:

Professor:

Lara Dolecek
dolecek@ee.ucla.edu
OH on Zoom Monday 8.30-9.30 am, Wednesday 6.15 pm-7.15 pm PST, weekly

Teaching Assistants:

Lev Tauz
levtauz@ucla.edu
OH on Zoom Thursday 11 am-12 pm, Friday 5 pm-6 pm PST, weekly

Debnab Mitra
debnabucla@ucla.edu
OH on Zoom Monday 6.15 pm – 7.15 pm, Tuesday 10 am – 11 am PST, weekly

Teaching staff is available on Zoom during office hours.

3) Textbook:

Probability, Statistics, and Random Processes for Electrical Engineering, Third Edition by Alberto Leon-Garcia.

We will follow this book closely.

4) Grade breakdown (out of 100%):

Weekly Homework: 30%
Exam 1: 15%
Exam 2: 15%
Matlab Project: 20%
Final Exam: 20%

5) Important Dates:

Exam 1: January 25, 2021

Exam 2: February 22, 2021

Final: March 19, 2021

MATLAB project due: Early Week 11. Details TBD.

6) Further information

Demo/Discussion: Additional demo problems will be provided to you to work on. You don't have to turn in demo problems, but you should use them for further practice. Your TA will work out these problems and detailed recordings/notes will be posted online.

MATLAB project: As a complement to homework exercises, a part of the course will be devoted to a MATLAB project with a goal of deepening your intuition and giving you a hands-on experience in solving probability problems.

Homework Submission: Please upload your homework through the Gradescope link embedded in CCLE. Please upload a single PDF containing your solutions. You may either type or scan your handwritten solutions. If you scan your solutions, make sure, after the scan, that your work is clear and discernible.

Late Homework Policy: Solutions will be promptly posted online for you to access. **Weekly homework is due by 3.59 pm PST on Gradescope, right before the lecture starts on the indicated dates.** No late homework will be accepted.

There are 7 homework assignments. Your lowest homework grade will be dropped.

Collaboration Policy: You should first attempt to solve each homework problem by yourself. If you get stuck, I encourage you to discuss the problem with the TA or with me. Clearly acknowledge any outside help.

Regrade Policy: If you request a regrade on any portion of your exam, your entire exam will be regarded, potentially resulting in loss of points. All requests for regrade must be submitted within a week of grading. No exceptions.

Make-up exam Policy: Out of fairness to other students, we do not offer a make-up exam without proper justification.

ECE 131A-80
Probability
Instructor: Lara Dolecek

Winter 2021
Course Information Sheet
1/4/2021

This is a fast paced class in which you will learn all the fundamentals of probability. The class will empower you with mathematical tools to tackle a range of engineering problems. Take the advantage of the resources available to you.

Good luck!
