

ENEE 324: Engineering Probability (Fall 2021)

Lecture: MW 2:00-3:15pm, MCB 1207.

Recitation: F 9:00-9:50am and F 10:00-10:50am, EGR 2154.

Instructor: Sennur Ulukus, 2337 A. V. Williams Building, ulukus@umd.edu, (301) 405 4909.
Office hours: MW 3:30-4:30pm.

Teaching assistant: Chenghao Deng, dengch16@umd.edu
Office hours: TuTh 2:00-3:00pm.

Course web-page: <http://www.ece.umd.edu/~ulukus/>

Prerequisite: ENEE 322.

Textbook: R. D. Yates and D. J. Goodman, Probability and Stochastic Processes: A Friendly Introduction for Electrical and Computer Engineers, John Wiley and Sons, Inc., 3rd edition, 2014.

Course Outline:

1. Experiments, models and probabilities
2. Discrete random variables
3. Continuous random variables
4. Pairs of random variables
5. Random vectors
6. Sums of random variables
7. Sample mean
8. Stochastic processes

Grading: weekly homeworks (10%)
weekly quizzes (10%)
midterm 1 (25%)
midterm 2 (25%)
final exam (30%)