

Introduction to Probability

Dr. Hung-Chieh Chang

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Office Hours: Below is the office hour schedule. Appointments can be made for other times.

Monday	Tuesday	Wednesday	Thursday	Friday
9:00–9:50		9:00–9:50	11:00–11:50	9:00–9:50
2:00–2:50	2:00–2:50	2:00–2:50	1:00–2:50	2:00–2:50

Catalog Description: Basic concepts of discrete probability are discussed, such as counting techniques, independence, conditional probability, Bayes Rule, random variables, random walks, and Markov chains. Prerequisite: Calculus II.

Textbook: Sheldon Ross, *A First Course in Probability*, 8th edition, Pearson Publishing.

Grading Policy: Grades are determined with respect to the following weights:

- Mid-term examinations (at about three), collectively worth 55%.
- A comprehensive final examination, worth 25%.
- Quizzes and homework, collectively worth 20%.

Generally no late homework will be accepted with exceptions made on a case-by-case basis such as for extended illness. Make-up exams will only be given for students if approved by the instructor prior to the scheduled exam time or within 24 hours of it.

Attendance: Students are expected to attend every class. Chronic or consistent absence will put the student at risk of being disenrolled from the course.

Getting Help: If needed, students are expected to seek help outside of the classroom. Here are some sources:

- The instructor, during office hours or by appointment, or email when feasible.
- Other mathematics instructors when available.

A.D.A.: Students with verified disabilities are entitled to reasonable accommodations in order to complete educational goals while attending Southwestern. For accommodations to be provided, students must request accommodations and provide appropriate documentation. With your permission, the Dean of Students (774-3767) will notify faculty of your specific requests.