
Probability Theory

September 8, 2023

Outline

- ❖ Course Grading
- ❖ Quiz
- ❖ Assignments
- ❖ Mid-term Test
- ❖ Tentative Course Schedule
- ❖ Recommended Readings

- About the Course Grading
- About the Quiz
- About the assignments
- About the Mid-term Test
- Tentative course schedule

Course Grading

Type of Assessment Methods	Weighting
Quiz	10%
Assignments	15%
Class Participation	10%
Midterm	25%
Final Exam	40%

Quiz

- There will be **1 quiz**, which takes approximately 1 hour.
- Quiz date will be announced in advance.
- **No make-up quiz!**

Assignments

- Assignments will be due every week.

Mid-term Test

- The mid-term test is closed book and takes approximately 2 hours.
- Mid-term date will be announced in advance.
- No make-up mid-term test!

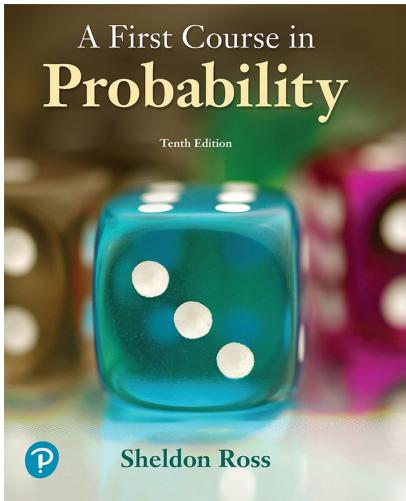
Tentative Course Schedule

The following topics will be discussed:

1. Events and Their Probabilities
2. Random Variables and Their Distributions
3. Discrete Random Variables
4. Continuous Random Variables
5. Jointly distributed random variables
6. Limit laws

Recommended Readings

- Sheldon Ross, A FIRST COURSE IN PROBABILITY, 10th edition



- Available on Jingdong and Taobao.
- There are a lot of exercises. Solution manuals can be easily found.