

George Mason University
Math 351
Course Syllabus

Date Summer 2023
Title Probability
Course Math 351
Location Innovation Hall 206
Time Mon/Wed 7:20PM
Professor: Douglas Eckley
deckley2@gmu.edu
Office: Exploratory Hall, 4th floor, room 4451
Office Hours: MW 6pm-7pm but you need an appointment
Cell phone 571 277 7927 (use sparingly)

Description

This course is a prerequisite and/or companion course for Math 352.

The book is A First Course in Probability, (8th or later edition), by Sheldon Ross, Pearson Education Inc, ISBN: 978-0-321-79477-2.

Procedures

The class will consist mostly of a series of lectures and demonstrations by the prof.

Grading will be on a 100-point scale (90/80/70/60 or a more liberal curve) divided as follows:

Unit Tests	3 x 22 = 66
Final exam	34
Total	100

Calendar

<u>Date</u>	<u>Topic</u>	<u>Reference to Book</u>
31-May	Combinations	Ch 1
05-Jun	Definitions of Probability	Ch 2
07-Jun	Conditional Probability	Ch 3
12-Jun	Unit 1 Exam	
14-Jun	Discrete Random Variables	Ch 4

19-Jun	Holiday	
21-Jun	Continuous Random Variables (online)	Ch 5
26-Jun	Joint Distributions (online)	Ch 6
28-Jun	Expectation	Ch 7
03-Jul	Review	
05-Jul	Unit 2 Exam	
10-Jul	Limit Theorems	Ch 8
12-Jul	Additional Topics	Ch 9
17-Jul	Simulation	Ch 10
19-Jul	Unit 3 Exam	
24-Jul	Review (online)	
26-Jul	Final Exam	