

George Mason University
Math 351
Course Syllabus

Date Summer 2022
Title Probability
Course Math 351
Location Horizon Hall 3010
Time Mon/Wed 7:20PM
Professor: Douglas Eckley
deckley2@gmu.edu
Office Hours: MTWR 5pm-7pm by 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>
08-Jun	Combinations	Ch 1
13-Jun	Definitions of Probability	Ch 2
15-Jun	Conditional Probability (pre-recorded)	Ch 3
20-Jun	Unit 1 Exam	
22-Jun	Discrete Random Variables	Ch 4
27-Jun	Continuous Random Variables	Ch 5

29-Jun	Joint Distributions	Ch 6
04-Jul	Holiday	
06-Jul	Expectation	Ch 7
11-Jul	Unit 2 Exam	
13-Jul	Limit Theorems	Ch 8
18-Jul	Additional Topics	Ch 9
20-Jul	Simulation	Ch 10
25-Jul	Unit 3 Exam	
27-Jul	Review	
29-Jul	Final Exam	