George Mason University
Math 351
Course Syllabus

Date   Summer 2020
Title   Probability
Course   Math 351
Location   Blackboard Collaborate Ultra
Time   Mon/Wed 7:20PM
Professor: Douglas Eckley
                 deckley2@gmu.edu
                 Office: Exploratory Hall room 4451 when we resume normal activity
                 Office Hours: MW 5pm to 7pm when we resume normal activity
                 Cell phone 571 277 7927 (use sparingly)

Description

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

The book is <u>A First Course in Probability</u>, (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 online lectures/demonstrations.

Grading will be on a 100-point scale (lowest A/B/C = 90/80/70) divided as follows

Unit tests (3 x 20 each)	60
Final exam	40

Calendar

Date	Topic	Reference to Book
01-Jun	Combinations	Ch 1
03-Jun	Definitions of Probability	Ch 2
8-Jun	Conditional Probability	Ch 3
10-Jun	Unit 1 Test	
15-Jun	Discrete Random Variables	Ch 4
17-Jun	Continuous Random Variables	Ch 5

22-Jun	Joint Distributions	Ch 6
24-Jun	Expectation	Ch 7
29-Jun	Unit 2 Test	
1-Jul	Limit Theorems	Ch 8
3-Jul	Additional Topics	Ch 9
8-Jul	Simulation	Ch 10
10-Jul	Unit 3 Test	
15-Jul	Review	
17-Jul	Reading Day	
20-Jul	Final Exam	