

MA 293 – DISCRETE MATHEMATICS

Summer 2 – 2020

Instructor:	Trevor Norton	Lecture Time:	MTWR 11:00 AM – 1:00 PM
Email:	nortontm@bu.edu	Office Hours:	TR 2:00 PM – 3:00 PM
Facilitator:	Sahand Farhoodi	Discussion Time:	MW 9:30 AM – 10:30 AM
Email:	sahand@bu.edu	Office Hours:	MW 2:00 PM – 3:00 PM

Office Hours and Email: The office hours listed may be subject to change. If you are not available to make the scheduled office hours, then you may schedule an alternative meeting time. Outside of class, you may reach the instructor by email. Please allow at most one business day for a reply to your email.

Text: *Discrete Mathematics*, Norman L. Biggs, 2nd Edition
Schaum's Outline of Probability, Seymour Lipschutz and Marc Lipson, 2nd Edition

Course Description: This course cover chapters 1 through 13 of Biggs and chapters 3 through 6 of Lipschutz/Lipson. The topics to be covered will include proof writing, basic logic, sets, functions, combinatorics, and probability.

Grading Policy: Homework (20%), Quizzes (20%), Midterm (25%), Final (35%).

Homework: Homework will be assigned weekly. You may discuss homework problems with other students, but all written work must be your own. Late homework will not be accepted.

Quizzes: Short (\approx 30 minutes) quizzes will be given weekly. Questions will be based on material covered in class and in the text. There will be no makeup quizzes. Quizzes will be untimed and the best grade out of three attempts will be recorded.

Exams: The dates of the exams are given below:

Midterm July 23rd
Final August 13th

Exams will be timed, take-home exams. Students may use any notes, assignments, or books used in class. No outside help – including (but not limited to) collaborating with students or posting in online forums – is permitted on exams. Students who cannot take the exam during the designated time must be excused prior to the date of the exam.

Grade Distribution: The minimum final grades are guaranteed to be as follows:

90% or higher A–
80% or higher B–
70% or higher C–
60% or higher D

Academic Honesty: [Boston University's Academic Conduct Code](#) will be followed in this class. Any evidence of cheating will result in an “F” for that particular assignment or exam and may result in an “F” for the entire course with further disciplinary action.