

Instructor: Grader:
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Office Hours: 2:45 – 3:45pm MW + by appointment

Course Description (Catalog):

CS 2305 (MATH 2305)

Discrete Mathematics for Computing I (3 semester credit hours)

Principles of counting. Boolean operations. Logic and proof methods. Recurrence relations. Sets, relations, functions. Elementary graph theory. Elementary number theory. Prerequisite: Score of at least 75% in ALEKS or MATH 2312 with a grade of C or better. (Same as CE 2305) (3-0) S

Course Information - Textbook: "Discrete Mathematics and its Applications" with MGH Connect. Kenneth H. Rosen, 8thed., McGraw Hill. MGH Connect is required (Homework will be mostly from MGH Connect)

Material to be covered: Chapters 1, 2.1-2.3, 3.1-3.2, 4.1-4.2, 5.1-5.2, 6.1-6.3, 7.1, 9.1-9.3, 10.1-10.5, 11.1-11.3

Important Dates:

Last Day to Drop without W: September 7, 2022

Last Day to Drop (W): October 3, 2022

Last Day to Drop Late (WL): November 8, 2022

Last Day of Classes December 8, 2022

Exam 1 October 12, 2022

Exam 2 December 7, 2022

University Closings: Labor Day September 5, 2022

Fall Break/Thanksgiving November 21-27, 2022

Grading Policy: Attendance 10% Homework 30% 2 exams 30% each

Exam dates not disclosed