

MATH 162 - DISCRETE MATHEMATICS

Semester: Spring 2017

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Office hours: Wednesday 11:00-12:00 or by appointment.

Assistant: TBA

Exams & Grading: Midterms + Quizzes 60%, and a final exam 40%.

Course Schedule: Tue 11:00-13:00 *M 1170*
Thu 11:00-13:00 *M 1200*

Textbook: Kenneth H. Rosen, *Discrete Mathematics and Its Applications*, 7. Edition
McGraw-Hill, 2012.

	Topics	Sections
1	Number Theory	4.1, 4.3, 4.4
2	Induction and Recursion	5.1, 5.2, 5.3
3	Counting	6.1, 6.2, 6.3, 6.4, 6.5
4	Discrete Probability	7.1, 7.2, 7.3, 7.4
5	Advanced Counting Techniques	8.1-8.2, 8.4-8.6
6	Relations	9.1-9.6
7	Graphs	10.1-10.8