MATH 163 SYLLABUS

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Abstract. In this course we will cover the fundamentals of discrete mathematics.

0.1. A disclaimer. Any student who has a need for accommodation based on the impact of a disability should contact me privately to discuss the specific situation as soon as possible. Contact disability resources and services at (215)-204-1280 in 100 Ritter Annex to coordinate reasonable accommodations for students with documented disabilities.

0.2. Meeting times. MWF 10:40-11:30.

0.3. Office Hours. MWF 11:30-12:30, or by appointment.

0.4. Course goals. To understand the basics of mathematical reasoning and discrete mathematics.

0.5. Reading. Essential Discrete Mathematics for Computer Science, by Todd Feil and Joan Krone (required). Discrete Mathematics by Norman Biggs (suggested);


0.7. Grading scheme. Problem sets: 25%, Quizzes: 15%, Midterm (Oct 22): 20%, Project: 40%.

0.8. Attendance. Highly recommended, but does not contribute to grade.

Key words and phrases. discrete, mathematics, sets, logic, combinatorics, graphs.