Date range: Jan 22 - May 16, 2007
Time & place: Lecture: MWF 10:30 am – 11:20 am, Robinson Hall B122
Instructor: Alexei V. Samsonovich
Email: asamsono@gmu.edu (include in the subject: Math 125)
Phone: 703-993-4385
Office hours: Wednesday 1:30 – 2:30 in Krasnow 219, or individually scheduled via phone/email. I am always willing to help you with the course.

Course description: This course will introduce basic concepts and ideas of discrete mathematics, including elements of logic, sets, functions, integer numbers, induction and recursion, combinatorics, algorithms, and graphs, including paths, trees and circuits. The schedule of lectures will closely follow the table of contents of the book, with an approximate 2:1 compression of the suggested number of lectures.


General education: This course satisfies the Quantitative Reasoning general Education Requirement, providing students with skills useful in many areas.

Web pages: The main web page for this course is at http://mason.gmu.edu/~asamsono/teaching/math125/
Here you will find homework assignments, lecture notes, and other useful information. The page will be regularly updated. Sample exams from previous years for another section of this course can be found at http://math.gmu.edu/~tkiley/125/index.html. Another place to find help is the GMU Math Tutoring Center http://math.gmu.edu/tutorcenter.htm

Tests & exam: Test schedule: Feb 23, Mar 9, Apr 4, May 9 (final exam). The material of all tests will be based on exercises done in class and/or taken from the textbook: read them!

Grading policy: Homework: 25%, quizzes: 15%, three tests: 45% (15% each), final exam: 15%. It is extremely important that you attend class and submit your work in time. Your attendance and class participation will be used as a guide to make decisions in borderline cases. Quizzes will be given on selected days without warning. Homework will be due as scheduled.

Honor code: Students are supposed to work on their homework assignments individually (copying is not allowed) and should only use the approved sources of information in this case. No cheating of any kind is allowed on tests and exams.