Syllabus: Math 125 – 001 Discrete Mathematics I – 14321, Spring 2007

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.
Textbook	Goodaire EG, Parmenter MM (2006) *Discrete Mathematics with Graph Theory: Third Edition.* Upper Saddle River, NJ: Prentice Hall.
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.