

**Fall 2007 MTH U115 Mathematical Thinking
SYLLABUS**

Section	Topic
8.2	Venn Diagrams
8.1	Sets
8.3	Introduction to Probability
8.4	Basic Concepts of Probability
8.5	Conditional Probability and Independent Events
8.6	Bayes Theorem
9.1	Probability Distributions and Expected Value
9.2	Multiplication Principle, Permutations and Combinations
8.3	Applications to Counting
9.4	Binomial Probability
6.3	Basic Matrix Operations
6.4	Matrix Products and Inverses
6.5	Applications of Matrix Multiplication and Matrix Inverses
9.5	Markov Chains
9.6	Decision Making
	Linear Regression

Important Dates

Wednesday 9/19	Last day to file a final exam conflict form
Friday 9/21	Last day to drop a Fall class without a "W" grade
Monday 10/8	Columbus Day - no classes
Wednesday 10/17	Tentative date for midterm exam
Monday 11/12	Veterans' Day Observed - no classes
Friday 11/16	Last day to drop a Fall class with a "W" grade
Wednesday 11/21	Thanksgiving recess begins - no classes
Monday 11/26	Classes resume
Wednesday 12/5	Last day of classes
Thursday 12/6	Reading Day
Monday 12/10	Final Exam 10:30 AM - 12:30 PM