Date	Section/Topic
W 8/29/07	First Day Handout; §1.1 – Background
F 8/31/07	$\S1.2$ – Solutions and Initial Value Problems
M $9/3/07$	Labor Day
W $9/5/07$	§1.3 – Direction Fields
F 9/7/07	Project D - Phase Line
M $9/10/07$	§1.4 – Approximation Method of Euler
W $9/12/07$	2.2 – Separable Equations
F 9/14/07	2.3 – Linear Equations
M $9/17/07$	$\S3.2$ – Compartmental Analysis
W $9/19/07$	3.2 - Compartmental Analysis
F 9/21/07	Review for Exam 1
M $9/24/07$	EXAM 1
W $9/26/07$	3.6 – Improved Euler's Method
F 9/28/07	$\S 3.7$ – Higher-Order Numerical Methods: Taylor and Runge-Kutta
M $10/1/07$	$\S4.1$ – Introduction: the Mass-Spring Oscillator
W $10/3/07$	$\S4.2$ – Homogeneous Linear Equations: The General Solution
F $10/5/07$	$\S4.2$ – Homogeneous Linear Equations: The General Solution
M $10/8/07$	$\S4.2$ – Homogeneous Linear Equations: The General Solution
W $10/10/07$	$\S4.3$ – Auxiliary Equations with Complex Roots

Math 225, Fall 2007, Tentative Schedule:

Date	Section/Topic
F 10/12/07	$\S4.4$ – Nonhomogeneous Equations: Method of Undetermined Coefficients
M $10/15/07$	§4.5 – Superposition and Undetermined Coefficients
W 10/17/07	§4.6 – Variation of Parameters
F 10/19/07	5.4 – Introduction to the Phase Plane
M $10/22/07$	§5.5 – Coupled Mass-Spring Systems
W $10/24/07$	§7.2 – Definition of Laplace Transform
F 10/26/07	§7.2 – Definition of Laplace Transform
M $10/29/07$	§7.3 – Properties of the Laplace Transform
W $10/31/07$	Review for Exam 2
F $11/2/07$	EXAM 2
M $11/5/07$	§7.4 – Inverse Laplace Transform
W $11/7/07$	§7.4 – Inverse Laplace Transform
F 11/9/07	§7.5 – Solving Initial Value Problems
M $11/12/07$	$\S7.6$ – Transforms of Discontinuous and Periodic Functions
W $11/14/07$	STUDENT PRESENTATIONS
F 11/16/07	STUDENT PRESENTATIONS
M $11/19/07$	STUDENT PRESENTATIONS
W 11/21/07	No Class

Date	Section/Topic
M $11/26/07$	9.1 - Matrix Methods for Linear Systems Introduction
W $11/28/07$	9.3 – Review of Matrices and Vectors
F 11/30/07	$\S9.5$ – Homogeneous Linear Systems with Constant Coefficients
M $12/3/07$	$\S9.5$ – Homogeneous Linear Systems with Constant Coefficients
W $12/5/07$	Linear Systems in the Plane
F 12/7/07	Connections Between Eigenvalues and Guess and Test Method
M $12/10/07$	Review for Final Exam
W $12/19/07$	FINAL EXAM