MATH 451 / 551
Graph Theory

Course Outline

Chapter	Topics	Weeks
Chapter 1	What is a graph?	2.0
Chapter 2	Definitions and Examples	1.0
Chapter 3	Applications of Graphs	1.0
Chapter 6	Eulerian Graphs and DiGraphs	1.0
Chapter 7	Hamiltonian Graphs and DiGraphs	1.0
Chapter 9	Connectivity	1.0
Chapter 10	Trees	2.0
Chapter 11	Planarity	2.0
Chapter 12	Coloring Graphs	1.0
Chapter 13	Coloring Maps	1.0
Tests		1.0

Textbook: GRAPHS, An Introductory Approach by Robin Wilson and John Watkins

Adopted Fall 2002