

CS E6204 TOPICS in GRAPH THEORY
revised course outline
subject to further perturbations

day	date	#	content and source
Mon	25-Jan	1.	Computer-Graphics Models for Woven Images on Surfaces
Mon	1-Feb	2.	Minimum and Maximum Genus of a Graph
Mon	8-Feb	3.	Genus Distribution of a Graph
Mon	15-Feb	4.	Genus Dist of Cubic Outerplanar Graphs
• EXERCISE SET #1 due 22 or 24 February			
Mon	22-Feb	5.	Automorphisms
Mon	1-Mar	6.	Cayley Graphs
Mon	8-Mar	7.	Celtic Knots
Mon	15-Mar		• SPRING ACADEMIC RECESS
Mon	22-Mar	8.	Celtic Knot Polynomials; Knots and Graphs
Mon	29-Mar		• NO CLASS
• EXERCISE SET #2 due 5 or 7 April			
Mon	5-Apr	9.	Skein Trees and Knot Polynomials
Mon	12-Apr	10.	Graph Mappings and Measurements
Mon	19-Apr	11.	Maps on Surfaces
Mon	26-Apr	12.	Genus of a Group
• EXERCISE SET #3 due 3 or 5 May			
Mon	3-May	13.	Completion

Course Grade will be based mostly on Exercise Sets.