

EE360C Course Plan – Fall 2022

Soloveichik section

TENTATIVE AND SUBJECT TO CHANGE

Date	Lecture number	Topic	Assignment Due	Reading
T 8/23	1	Course Introduction		Syllabus
Th 8/25	2	Stable Matching		Ch 1.1
T 8/30	3	Algorithm Analysis		Ch 2.1-2.4
Th 9/1	4	Algorithm Analysis		Ch 2.1-2.4
T 9/6	5	Algorithm Analysis		Ch 2.1-2.4
Th 9/8		Test 1		
T 9/13	6	Priority Queues		Ch 2.5
Th 9/15	7	Graphs		Ch 3
M 9/19			Program 1	
T 9/20	8	Graphs		Ch 3
Th 9/22	9	Greedy Algorithms		Ch 4.1-4.2
T 9/27	10	Greedy Algorithms		Ch 4.4-4.6
Th 9/29	11	Greedy Algorithms		Ch 4.4-4.6
T 10/4		Test 2		
Th 10/6	12	Greedy Algorithms		Ch 4.8
T 10/11	13	Divide and Conquer		Ch 5.1-5.2
Th 10/13	14	Divide and Conquer		Master thm
T 10/18	15	Dynamic Programming		Ch 6.1-6.2
Th 10/20		Test 3		
T 10/25	16	Dynamic Programming		Ch 6.3-6.4
Th 10/27	17	Dynamic Programming		Ch 6.3-6.4, 6.8
F 10/28			Program 2	
T 11/1	18	Network Flow		Ch 7.1-7.3
Th 11/3		Test 4		
T 11/8	19	Network Flow		Ch 7.5
Th 11/10	20	Network Flow		Ch 7.5
T 11/15	21	NP-Completeness		Ch 8.1-8.8
Th 11/17		Test 5		
T 11/22				
Th 11/24				
T 11/29	22	NP-Completeness		Ch 8.1-8.8
Th 12/1	23	NP-Completeness		Ch 8.1-8.8
M 12/5			Program 3	
Th 12/8 7-9pm		Final Exam in CPE 2.208		

NOTE: Exam/test dates are subject to change