

EE360C Course Plan – Fall 2023

Soloveichik section

TENTATIVE AND SUBJECT TO CHANGE

Date	Lecture number	Topic	Assignment Due	Reading
T 8/22	1	Course Introduction		Syllabus
Th 8/24	2	Stable Matching		Ch 1.1
T 8/29	3	Algorithm Analysis		Ch 2.1-2.4
Th 8/31	4	Algorithm Analysis		Ch 2.1-2.4
T 9/5	5	Algorithm Analysis		Ch 2.1-2.4
Th 9/7		Test 1		
T 9/12	6	Priority Queues		Ch 2.5
Th 9/14	7	Graphs		Ch 3
M 9/18			Program 1	
T 9/19	8	Graphs		Ch 3
Th 9/21	9	Greedy Algorithms		Ch 4.1-4.2
T 9/26	10	Greedy Algorithms		Ch 4.4-4.6
Th 9/28		Test 2		
T 10/3	11	Greedy Algorithms		Ch 4.4-4.6
Th 10/5	12	Greedy Algorithms		Ch 4.8
T 10/10	13	Divide and Conquer		Ch 5.1-5.2
Th 10/12	14	Divide and Conquer		Master thm
T 10/17		Test 3		
Th 10/19	15	Dynamic Programming		Ch 6.1-6.2
M 10/23			Program 2	
T 10/24	16	Dynamic Programming		Ch 6.3-6.4
Th 10/26	17	Dynamic Programming		Ch 6.3-6.4, 6.8
T 10/31	18	Network Flow		Ch 7.1-7.3
Th 11/2		Test 4		
T 11/7	19	Network Flow		Ch 7.1-7.3

Th 11/9	20	Network Flow		Ch 7.5
T 11/14	21	NP-Completeness		Ch 8.1-8.8
Th 11/16		Test 5		
T 11/21				
Th 11/23				
M 11/27			Program 3	
T 11/28	22	NP-Completeness		Ch 8.1-8.8
Th 11/30	23	NP-Completeness		Ch 8.1-8.8
TBD		Final Exam		

NOTE: Dates are subject to change