

EE360C Course Plan – Fall 2024

Soloveichik section

TENTATIVE AND SUBJECT TO CHANGE

Date	Lecture number	Topic	Assignment Due	Reading
T 8/27	1	Course Introduction		Syllabus
Th 8/29	2	Stable Matching		Ch 1.1
T 9/3	3	Algorithm Analysis		Ch 2.1-2.4
Th 9/5	4	Algorithm Analysis		Ch 2.1-2.4
T 9/10	5	Algorithm Analysis		Ch 2.1-2.4
Th 9/12		Test 1		
T 9/17	6	Priority Queues		Ch 2.5
Th 9/19	7	Graphs		Ch 3
M 9/23			Program 1	
T 9/24	8	Graphs		Ch 3
Th 9/26	9	Greedy Algorithms		Ch 4.1-4.2
T 10/1	10	Greedy Algorithms		Ch 4.4-4.6
Th 10/3		Test 2		
T 10/8	11	Greedy Algorithms		Ch 4.4-4.6
Th 10/10	12	Greedy Algorithms		Ch 4.8
T 10/15	13	Divide and Conquer		Ch 5.1-5.2
Th 10/17	14	Divide and Conquer		Master thm
T 10/22		Test 3		
Th 10/24	15	Dynamic Programming		Ch 6.1-6.2
M 10/28			Program 2	
T 10/29	16	Dynamic Programming		Ch 6.3-6.4
Th 10/31	17	Dynamic Programming		Ch 6.3-6.4, 6.8
T 11/5	18	Network Flow		Ch 7.1-7.3
Th 11/7		Test 4		
T 11/12	19	Network Flow		Ch 7.1-7.3

Th 11/14	20	Network Flow		Ch 7.5
T 11/19	21	NP-Completeness		Ch 8.1-8.8
Th 11/21		Test 5		
T 11/26				
Th 11/28				
M 12/2			Program 3	
T 12/3	22	NP-Completeness		Ch 8.1-8.8
Th 12/5	23	NP-Completeness		Ch 8.1-8.8
TBD		Final Exam (in our regular room)		

NOTE: Dates are subject to change