

EE 360C Algorithms—Course Plan—Summer 2019

[TENTATIVE AND SUBJECT TO CHANGE]

Date	Topic	Assignments Out	Quizzes Due	Reading Syllabus
6/07	Course Introduction			
6/10	Review of Discrete Math	Assignment 1		
6/12	Review of Proof Techniques			
6/14	A Sample Problem	Assignment 2	Quiz 1	Ch 1
6/17	Algorithm Analysis	Program 1		Ch 2.1—2.4
6/19	Algorithm Analysis	Assignment 3	Quiz 2	Ch 2.1—2.4
6/21	Algorithm Analysis			
6/24	Priority Queues	Assignment 4	Quiz 3	Ch 2.5
6/26	Graphs		Program 1	Ch 3.1—3.3
6/28	Graphs		Quiz 4	Ch 3.4—3.5
7/01	Graphs			Ch 3.6
7/03	Exam 1	Assignment 5		
7/05	Greedy Algorithms	Program 2		Ch 4.1—4.2
7/08	Greedy Algorithms	Assignment 6	Quiz 5	Ch 4.4
7/10	Greedy Algorithms			Ch 4.5—4.6
7/12	No Class	(final exams for six-week term courses)		
7/15	Greedy Algorithms	Assignment 7	Quiz 6	Ch 4.8
7/17	Divide & Conquer			Ch 5.1—5.2
7/19	Divide & Conquer		Quiz 7	Ch 5.4
7/22	Divide & Conquer		Program 2	Ch 5.4
7/24	Exam 2	Assignment 8		
7/26	Dynamic Programming			Ch 6.1—6.2
7/29	Dynamic Programming	Assignment 9	Quiz 8	Ch 6.3—6.4
7/31	Dynamic Programming	Program 3		Ch 6.3—6.4
8/02	Dynamic Programming	Assignment 10	Quiz 9	Ch 6.8
8/05	Network Flow			Ch 7.1—7.3
8/07	Network Flow	Assignment 11	Quiz 10	Ch 7.5
8/09	NP-Completeness		Program 3	Ch 8.1—8.8
8/12	NP-Completeness	Assignment 12	Quiz 11	Ch 8.1—8.8
8/14	NP-Completeness			
8/16	Review		Quiz 12	
8/19	Finals			