

SP 19	CSCE 654 Schedule				AS OF: 18 Mar 2019						
Class number	Date	Start	Stop	# slides covered	Topic	Slide Set	Readings	Assigned	Due	Time	
1	25-Mar-19	1	17	17	Course Intro (17)	01_Introduction.ppt	Robertazzi Chap 1 (1.1 thru 1.4; scan 1.5-7), Appendix A (A.1 thru A.4)	Homework 1			
2		1	50	50	Motivation, Uses (50)	02_Motivation.ppt					
3		27-Mar-19	18	54	36	Probability Review (54)	03_Probability.ppt				Robertazzi 2.1, 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.6, A.7
4			1	18	18	Probability Review, M/M/1 Queues (92)	03_Probability.ppt, 04_MM1_Queue.ppt				
5	1-Apr-19	18	79	62	M/M/1 Queues (92)	04_MM1_Queue.ppt	Robertazzi 2.2.7, 2.2.8, 2.2.9, 2.3				
6											
7	3-Apr-19	80	92	13	M/M/1 Queues	04_MM1_Queue.ppt	Robertazzi 2.2.7, 2.2.8, 2.2.9, 2.4	Project 2	Homework 1	1100	
8											
9	8-Apr-19	1	35	35	Other Queues (103)	05_Other_queues.ppt	Robertazzi 2.5, 2.6, 2.7, 2.8	Homework 2	Project 1	1100	
10											
11	10-Apr-19	36	69	34	Other Queues	05_Other_queues.ppt	Robertazzi 2.8, 2.9, (scan 2.10), 2.12	Project 3	Project 2	1100	
12											
13	15-Apr-19	70	103	34	Other Queues	05_Other_queues.ppt	Robertazzi 2.12				
14											
15	17-Apr-19	1	41	41	Networks of Queues (109) (Open Networks - Product Form Solution)	07_netq.ppt	Robertazzi 3.1, 3.2.1, 3.2.2, 3.2.3		Homework 2	1100	
16											
17	22-Apr-19	42	81	40	Networks of Queues (Kleinrock Independence Approximation)	07_netq.ppt	Bertsekas: 3.6, 3.7		Project 3	1100	
18											
19	24-Apr-19	82	109	28	Networks of Queues (Closed Networks)	07_netq.ppt	Robertazzi: 3.2.4, Cahn Chapter 3,	Mid Term			
20											
21	29-Apr-19	1	56	56	Network Design Problem (56)	08_designtheory.ppt		Homework 3	Midterm	1100	
22											
23	1-May-19	1	70	70	Graph Theory (70)	09_graphtheory.ppt		Project 4			
24											
25	6-May-19	1	70	70	Simulation Methodology (76)	10_sim.ppt			Homework 3	1100	
26											
27	8-May-19	1		0	Traffic Modeling (73)	11_traf.ppt	Robertazzi 4.6, 7.1 through 7.5 (and their subsections);				
28											
29	13-May-19			1	MAC - Prob & Queuing Theory app (78)	06_MAC.ppt	Robertazzi 7.6 (including subsections);	Homework 4			
30											
31	15-May-19			1	MAC-Prob & Queuing Theory app	06_MAC.ppt			Project 4	1100	
32											
33	20-May-19			1	MAC-Prob & Queuing Theory app, Project 4 Feedback	06_MAC.ppt					
34											
35	22-May-19				Questions, Hand-Out Final Exam			Final Exam	Homework 4	1100	
36											
37	27-May-19				MEMORIAL DAY (No Class)						
38											
39	29-May-19				Final Exam				Final Exam	0900	
40											