CS 4610 SCHEDULE
Fall 2019 - Version 1

LECT	DATE		CHAPTER/TOPIC	ASSIGNMENTS All assignments (in red) are due by 4:00pm on specified date.
1	Tu Aug 20		Course Introduction, Ch. 1: Introduction and Overview, Ch. 2: Review of Underlying Network Technologies	Read the syllabus, Comer ch. 1, 2, 4 & 5; "The Internet Engineering Task Force" by S. Bradner & "Tutorial 90: Ethernet Frame Types" (both in /Tutorials folder in Canvas)
2	Th Aug 22		Ch. 4: Classful Internet Addresses, Ch. 5: Mapping Internet Addresses to Physical Addresses (ARP), MikroTik routers distributed	Read Ch. 6, Lab Exercise 1 assigned, IP Addressing homework questions assigned (IP_Addr_Exer.docx)
3	Tu Aug 27		Ch. 5 (cont.), Ch. 6: Internet Protocol: Connection-less Datagram Delivery	Quiz 1 (Ch 1, 2 & 4), read Ch. 7 & 8, IP Addressing homework questions due
4	Th Aug 29		Ch. 7: Internet Protocol: Routing IP Datagrams, Ch. 8: Internet Protocol: Error and Control Messages (ICMP)	Lab Exercise 1 due, read Ch. 30 (sections 30.1 - 30.4 and 30.13 - 30.21 only), IP Fragmentation homework exercise assigned
	M Sep 2		**Labor Day Holiday**	
5	Tu Sep 3		Ch 8 (cont.), Ch. 30: Internet Security and Firewall Design	Quiz 2 (Ch 5 & 6), read Ch. 9, IP Fragmentation homework exercise due
6	Th Sep 5		Ch. 30: (cont.), Ch. 9: Classless and Subnet Address Extensions (CIDR), Test 1 Review	Lab Exercise 2 assigned
7	Tu Sep 10		Ch. 9 (cont.)	Read Ch. 11, Quiz 3 (Ch 7, 8 & 30 (partial)), Traceroute homework exercise assigned
	W Sep 11		**Test 1 in Classroom Testing Center. Covers ch. 1 - 2, 4 - 8 and 30 (partial)**	
8	Th Sep 12		Ch. 9 (cont.),	Read Ch. 12, Traceroute homework exercise due, Subnet & Supernet homework exercise assigned
	Th Sep 12 - F Sep 13		**Late Testing Dates for Test 1 ($4 fee)**	

CS 4610 SCHEDULE
Fall 2019 - Version 1

LECT	DATE		CHAPTER/TOPIC		ASSIGNMENTS All assignments (in red) are due by 4:00pm on specified date.
9	Tu Sep 17		Ch. 11: User Datagram Protocol (UDP), Ch. 12: Reliable Stream Transport Service (TCP)		Lab Exercise 2 due, Lab Exercise 3 assigned, Subnet & Supernet homework exercise due
10	Th Sep 19		Test 1 Post Mortem		Quiz 4 (Ch 9 & 11)
11	Tu Sep 24		Ch. 12 (cont.)		Read Ch. 13
12	Th Sep 26		Ch. 12 (cont.)		Read Ch. 15, Lab Exercise 3 due
13	Tu Oct 1		Ch. 13: Routing: Cores, Peers, and Algorithms		Quiz 5 (Ch 12)
14	Th Oct 3		Ch. 15: Routing: In an Autonomous System (RIP, OSPF, HELLO)		Lab Exercise 4 assigned
15	Tu Oct 8		Ch. 15 (cont.)		Read Ch. 14
16	Th Oct 10		Ch. 14: Routing: Exterior Gateway Protocols and Autonomous Systems (BGP)		Quiz 6 (Ch 13 & 15)
17	Tu Oct 15		Lab 5		Lab Exercise 4 due, Lab 5 (done in class)
	Th Oct 17 - Sa Oct 19		**Fall Break**		
18	Tu Oct 22		Ch. 14 (cont.)		Lab 5 report due, read Ch. 16
19	Th Oct 24		Ch. 14 (cont.), Ch. 16: Internet Multicasting Test 2 Review		
20	Tu Oct 29		Ch. 16: (cont.),		Quiz 7 (Ch 14), read Ch. 29 and the Wikipedia SNMP page https://en.wikipedia.org/wiki/Simple_Network_Management_Protocol
21	Th Oct 31		Ch. 29: Network Management (SNMP)		
	F Nov 1		**Test 2 in Classroom Testing Center. Covers ch. 9 and 11 - 15**		

CS 4610 SCHEDULE
Fall 2019 - Version 1

LECT	DATE		CHAPTER/TOPIC		ASSIGNMENTS All assignments (in red) are due by 4:00pm on specified date.
	Sa Nov 2 - M Nov 4		**Late Testing Dates for Test 2 ($4 fee).**		
22	Tu Nov 5		Ch. 29 (cont.)		Lab Exercise 6 assigned, read Ch. 31
23	Th Nov 7		Ch 31: The Future of TCP/IP (IPv6), Test 2 Post Mortem		Read Ch 30 (sections 30.5 - 30.11 only)
24	Tu Nov 12		Ch. 31 (cont.),		Read Ch. 28, Lab Exercise 6 due, Lab Exercise 7 assigned
25	Th Nov 14		Ch. 30: Internet Security and Firewall Design (partial), Ch. 28: Applications: Voice and Video Over IP (RTP)		
26	Tu Nov 19		Ch. 28 (cont.) **Last day to request rescheduling of final test.**		Quiz 8 (Ch 16, 29, 30 & 31), Read Ch. 23, Lab Exercise 8 assigned, Lab Exercise 7 due
27	Th Nov 21		Ch. 28 (cont.), Ch. 23: The Domain Name System (DNS)		Final Exam Take-Home Essay Question distributed
	M Nov 25 - Sa Nov 30		**Thanksgiving Holiday**		
28	Tu Dec 3		Ch. 23 (cont.) Review for Final Test		Lab Exercise 8 due
29	Th Dec 5		Ch. 23 (cont.)		Quiz 9 (Ch 23 & 28), hand in MikroTik routers
	Tu Dec 10		**Final Exam in CS412 3:00 - 4:50 pm. Covers Ch. 16, 23, 28, 29, 30 (partial) and 31.**		Final Exam Take-Home Essay Question due at start of Final Exam