

CS 2600 Section 001 Schedule
Fall 2013

LECT	DATE	LECTURE TOPIC	ASSIGNED (Homework questions listed in boldface will be submitted to Canvas and graded. Quiz dates are tentative & finalized in the previous lecture.)	DUE (All assignments are due by 1:00pm on specified date. Only boldface homeworks are submitted to Canvas.)
1	Tu Aug 27	Course Introduction	Read the syllabus & the Peterson & Davie text pp. 1 - 12	
2	Th Aug 29	<i>Chapter 1: Foundation</i>	Text pp. 12 - 24	
	M Sep 2	Labor Day Holiday		
3	Tu Sep 3	Sharing Resources	Text pp. 24 - 29, Ch 1 homework questions 7, 9 & 10 (see end of Lecture 3 slides)	
4	Th Sep 5	Network Architecture	Text pp. 29 - 36 (no homework)	Quiz 1, Ch 1 homework questions 7, 9 & 10 (not graded)
5	Tu Sep 10	Two Models for Network Architecture	Text pp. 44 - 58, homework questions A & B	
6	Th Sep 12	Network Performance	Text pp. 71 - 74, homework questions C, 12 & 13 (graded)	Homework questions A & B
7	Tu Sep 17	<i>Chapter 2: Getting Connected</i>	Text pp. 75 - 78	Quiz 2, Homework questions C, 12 & 13 (graded, submit to Canvas by 1:00pm)
8	Th Sep 19	Data Transmission Media	Homework question A	
9	Tu Sep 24	More About Media Test 1 Review	Text pp. 78 - 81	Homework question A
10	Th Sep 26	Encoding	Ch. 2 homework questions 1 & 2 , prepare for Test 1	

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11	Tu Oct 1	Modulation & Modems	Text pp. 74 - 75 (the insert on the Shannon-Hartley Theorem), pp. 81 - 82, and ClaudeShannon.pdf (in /Reading Assignments folder in Canvas), Lab 1 (OPNET)	Quiz 3, Ch. 2 homework questions 1 & 2
	Tu Oct 1	Test 1 in Classroom Testing Center. Covers Ch. 1 & 2 (through p. 78), lectures 1 - 9 (partial).		
	W Oct 2 - Th Oct 3	Late Testing Dates for Test 1 (\$4 fee).		
12	Th Oct 3	Noise and the Shannon-Hartley Theorem	Text p. 83 - 85, homework question B	
13	Tu Oct 8	Test 1 Post Mortem Catch up day	Text p. 85 - 87, Lab 2 (OPNET)	Homework question B , Lab 1 (1:00pm)
	Th Oct 10 - Sa Oct 12	Fall Break		
14	Tu Oct 15	Framing	Text p. 88 - 102, homework questions 5 & 6	Quiz 4
15	Th Oct 17	SONET and Error Detection	Text p. 102 - 107, homework questions 12 & C , Lab 3 (OPNET)	Homework questions 5 & 6, Lab 2
16	Tu Oct 22	Link Utilization	Text p. 107 - 110, homework question 23	Homework questions 12 & C
17	Th Oct 24	Sliding Window ARQ	Text pp. 119 - 124, BobMetcalfe.pdf	Homework question 23 , Lab 3

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18	Tu Oct 29	Ethernet and Multiple Access Networks (802.3)	Text p. 124 - 128, http://www.wired.com/epicenter/2011/07/speed-matters/ , Lab 4 (Wireshark)	
19	Th Oct 31	CSMA/CD Test 2 Review	Text p. 128 - 136	
20	Tu Nov 5	Wireless Networks	Text p. 136 - 141, Lab 5 (Wireshark), prepare for Test 2	Quiz 5, Lab 4
	W Nov 6	Test 2 in Classroom Testing Center. Covers ch. 2 (pp. 70 - 120), lectures 9 (partial) - 19.		
21	Th Nov 7	More About 802.11	Text p. 141 - 148	
	Th Nov 7 - F Nov 8	Late Testing DateS for Test 2 (\$4 fee).		
22	Tu Nov 12	WiMAX and Cellular Networks	Text p. 148 - 151, WiMAX vs LTE - Abichar, Chang & Hsu.pdf, Lab 6 (WiFi)	Lab 5
23	Th Nov 14	Test 2 Post Mortem 4G and LTE	Text p. 169 - 174	
24	Tu Nov 19	<i>Chapter 3: Internetworking</i> Packet Switching	Text p. 174 - 186	Quiz 6, Lab 6
25	Th Nov 21	Virtual Circuit Networks	Text p. 189 - 192 & 194 - 201, RadiaPerlman.pdf	
26	Tu Nov 26	Bridges, LAN Switches and Spanning Tree	Text p. 203 - 210 & 213 - 216, homework question 13 , Lab 7	
	W Nov 27 - Sa Nov 30	Thanksgiving Holiday		

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27	Tu Dec 3	Basic Internetworking (IP) Last day to request rescheduling of Final Exam	Lab 7 (due Tu Apr 23 at 1:00pm), prepare for Final Exam	Homework question 13
28	Th Dec 5	Course Wrapup, Final Exam Review		Quiz 7, Lab 7
29	Tu Dec 10	?		
30	Th Dec 12	?		
	Th Dec 19	Final Exam in CS504 1:00 - 2:50pm. Covers Remainder of Ch. 2, & Ch. 3 (lecture 20 to end of semester).		