

Syllabus

{October 27, 2014}

Date		Topic	Reading and Assignments
1.	Oct 28 Tu	Objectives, Course Procedures	
2.	Oct 30 Th	Sockets	D&C 2, K&R 2.7
3.	Oct 31 F	Introduction	K&R 1.1, 1.2 intro
4.	Nov 3 M	OSI Architecture	K&R 1.5 Program 0 Due at 11:59 p.m.
5.	Nov 4 Tu	Internet History	Hobbs web site, K&R 1.7
6.	Nov 6 Th	Architecture	Wireshark 1 due at 11:59 p.m
7.	Nov 7 F	Network Switching	K&R 1.3
8.	Nov 10 M	Performance Measures	K&R 1.4
9.	Nov 11 Tu	Introduction to Physical Layer	K&R 1.2.1, 1.2.2 Program 1 due at 11:59 p.m.
10.	Nov 13 Th	Application Layer	K&R 2.1
11.	Nov 14 F	HTTP, Cookies	K&R 2.2
12.	Nov 17 M	DNS	K&R 2.5
13.	Nov 18 Tu	Review	
14.	Nov 20 Th	Mid Term Exam (closed book)	
15.	Nov 21 F	Introduction to Security	K&R 1.6 Wireshark 2 due at 11:59 p.m.
16.	Nov 24 M	Transport Layer, UDP	K&R 3.1-3.3
17.	Nov 25 Tu	TCP	K&R 3.5 Program 2 due at 4 p.m.
18.	Dec 1 M	Reliable Transport Layer	K&R 3.4
19.	Dec 2 Tu	Sliding Windows	Tanenbaum Handout
20.	Dec 4 Th	TCP Congestion Control	K&R 3.6, 3.7
21.	Dec 5 F	Network Layer	K&R 4.1-4.4
22.	Dec 8 M	Distance Vector Routing	K&R 4.5.2
23.	Dec 9 Tu	Link State Routing	K&R 4.5.1
24.	Dec 11 Th	Ethernet	K&R 5.4
25.	Dec 12 F	ARP	K&R 5.4.1 Wireshark 3 due at 11:59 p.m.
26.	Dec 15 M	Wireless Networks	K&R 6.1-6.4
27.	Dec 16 Tu	Review	Program 3 due at 4 p.m.
28.	Dec 18 Th	FINAL EXAM (closed book)	