

Syllabus

{August 26, 2015}

Date	Topic	Reading and Assignments
1. Aug 27 Th	Objectives, Course Procedures	
2. Aug 28 F	Sockets	D&C 2, K&R 2.7
3. Aug 31 M	Introduction	K&R 1.1, 1.2 intro
4. Sep 1 Tu	OSI Architecture	K&R 1.5 Program 0 Due at 11:59 p.m.
5. Sep 3 Th	Internet History	Hobbs web site, K&R 1.7
6. Sep 4 F	Architecture	Wireshark 1 due at 11:59 p.m
7. Sep 8 Tu	Network Switching	K&R 1.3
8. Sep 10 Th	Performance Metrics	K&R 1.4
9. Sep 11 F	Introduction to Physical Layer	K&R 1.2.1, 1.2.2 Program 1 due at 11:59 p.m.
10. Sep 14 M	Application Layer	K&R 2.1
11. Sep 15 Tu	HTTP, Cookies	K&R 2.2
12. Sep 17 Th	DNS	K&R 2.5
13. Sep 18 F	Review	
14. Sep 21 M	Mid Term Exam (closed book)	
15. Sep 22 Tu	Introduction to Security	K&R 1.6 Wireshark 2 due at 11:59 p.m.
16. Sep 24 Th	Transport Layer, UDP	K&R 3.1-3.3
17. Sep 25 F	TCP	K&R 3.5 Program 2 due at 4 p.m.
18. Sep 28 M	Reliable Transport Layer	K&R 3.4
19. Sep 29 Tu	Sliding Windows	Tanenbaum Handout
20. Oct 1 Th	TCP Congestion Control	K&R 3.6, 3.7
21. Oct 2 F	Network Layer	K&R 4.1-4.4
22. Oct 5 M	Distance Vector Routing	K&R 4.5.2
23. Oct 6 Tu	Link State Routing	K&R 4.5.1
24. Oct 8 Th	Ethernet	K&R 5.4
25. Oct 9 F	ARP	K&R 5.4.1 Wireshark 3 due at 11:59 p.m.
26. Oct 12 M	Wireless Networks	K&R 6.1-6.4
27. Oct 13 Tu	Review	Program 3 due at 4 p.m.
28. Oct 15 Th	FINAL EXAM (closed book)	