# Syllabus

**{August 26, 2015}**

**Date** | **Topic** | **Reading and Assignments**
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1. Aug 27 Th | Objectives, Course Procedures | D&C 2, K&R 2.7
2. Aug 28 F | Sockets | K&R 1.1, 1.2 intro, K&R 1.5
3. Aug 31 M | Introduction | Program 0 Due at 11:59 p.m.
4. Sep 1 Tu | OSI Architecture |
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
10. Sep 14 M | Application Layer | Program 1 due at 11:59 p.m.
11. Sep 15 Tu | HTTP, Cookies | K&R 2.1
12. Sep 17 Th | DNS | K&R 2.2
13. Sep 18 F | Review | K&R 2.5
14. Sep 21 M | Mid Term Exam (closed book) | K&R 1.6
15. Sep 22 Tu | Introduction to Security | 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 | 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
27. Oct 13 Tu | Review | K&R 6.1-6.4