

Syllabus

February 11, 2010

Date	Topic	Reading and Assignments	
1. Jan 14	Th	Objectives, Course Procedures	
2. Jan 15	F	Routing Taxonomy, Distance Vector Routing	
3. Jan 19	Tu	Introduction,	
4. Jan 21	Th	Network Switching	
5. Jan 22	F	Network Performance Measures	Program 1 Due 10 p.m.
6. Jan 25	M	Data Link Layer Review	
7. Jan 26	Tu	Framing, Byte Stuffing	
8. Jan 28	Th	<i>Physical Layer:</i> Digital versus Analog	
9. Jan 29	F	Data Encoding, T1, PCM	
10. Feb 1	M	Transmission Media	
11. Feb 2	Tu	From LANs & WANs to WLANs	
12. Feb 4	Th	Wireless Networks	Program 2 Due 11:59 p.m.
13. Feb 5	F	Review	
14. Feb 8	M	Paper #1; Wireless Networks	
15. Feb 9	Tu	Mid Term Exam (closed book)	
16. Feb 11	Th	Paper #2; Wireless Networks	
17. Feb 12	F	Cellular Networks	
18. Feb 15	M	Wireless Sensor Networks	
19. Feb 16	Tu	TinyOS, nesc	
20. Feb 19	F	Paper #3; TinyOS	
21. Feb 22	M	Wireless Sensor Networks	
22. Feb 23	Tu	SONET, ATM Switching	
23. Feb 25	Th	ATM AAL Layers	
24. Feb 26	F	Network Management, Security	Assignment 4 Due 9 a.m.
25. Mar 1	M	Denial of Service, IDS	
26. Mar 2	Tu	Firewalls	
27. Mar 4	Th	Review	Program 3 Due noon
28. Mar 5	F	FINAL EXAM (closed book)	