January

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
					1	**2**
3	**4**	**5**	**6**	**7**	**8**	**9**
10	**11**	**12** Course Introduction Review of networking (chap 1,2)	**13**	**14** Review of networking Internetworking (chap 2,3)	**15**	**16**
17	**18**	**19** Internetworking Architecture, IP *Homework 1 assigned*	**20**	**21** No class. Instructor not in town.	**22**	**23**
24	**25**	**26** IP concept, addresses (chap 3) ***Homework 1 due*** *Lab 1 assigned*	**27**	**28** IP Forwarding and Fragmentation (chap 3, 11.5)	**29**	**30**
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February

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
	1	**2** Address Resolution (ARP & RARP) (chap 4,5)	**3**	**4** UDP, TCP (chap 11,17,18)	**5**	**6**
7	**8**	**9** TCP data flow & Congestion control (chap 19,20,21) ***Lab 1 due,*** *Lab 2 assigned*	**10**	**11** ***Quiz 1 (45 min)*** TCP congestion control (contd)	**12**	**13**
14	**15**	**16** No classes	**17**	**18** Quiz 1 solutions. TCP contd (chap 22,23,24) *Homework 2 assigned*	**19**	**20**
21	**22**	**23** ICMP, ping, traceroute	**24**	**25** Routing : RIP,OSPF (chap 9, 10) ***Homework 2 due***	**26**	**27**
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March

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
	1	**2** Routing: EGP, BGP, CIDR (chap 10+) ***Lab 2 due***	**3**	**4** Name Resolution: DNS (chap 14) *Homework 3 assigned* ***Case Study Proposals Due.***	**5**	**6**
7	**8**	**9** Spring Break (no class)	**10**	**11** Spring Break (no class)	**12**	**13**
14	**15**	**16** Network Management (SNMP, v2, RMON) (chap 25+) ***Homework 3 due***	**17**	**18** ***Quiz 2 (45 min)*** Network Management (contd)	**19**	**20**
21	**22**	**23** Quiz2 solutions. Configuration (BOOTP, DHCP) (chap 16+)	**24**	**25** Multicast: IGMP, MBONE, Mcast routing (chap12,13+)	**26**	**27**
28	**29**	**30** IP next generation (IPv6)	**31**			

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April

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
				1 IP next generation (IPv6 contd)	**2**	**3**
4	**5**	**6** Beyond Best Effort: (RTP, RSVP, integrated, differentiated svcs) ***Case Study Reports due***	**7**	**8** Apps: HTTP, SMTP, IMAP, MIME *Homework 4 assigned*	**9**	**10**
11	**12**	**13** Apps: T/TCP, IP telephony, LDAP	**14**	**15** Security: Firewalls, IPSEC ***Homework 4 due***	**16**	**17**
18	**19**	**20** Mobile IP	**21**	**22** Core Internet: WDM, IP over ATM & SONET, MPLS	**23**	**24**
25	**26**	**27** ***Quiz 3*** (END OF COURSE)	**28**	**29**	**30**	

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