461 Review

The last day of instruction is Friday, March 11.

Time lecture session actually meets during the quarter	Meeting four times a week, or daily	MWF; MTW; MWTH; MT; MW; MF; WF; MTH; MThF
7:30 a.m.	8:30-10:20 a.m. Friday, Mar. 18, 2005	8:30-10:20 a.m. Friday, Mar. 18, 2005
8:30 a.m.	8:30-10:20 a.m. Tuesday, Mar. 15, 2005	8:30-10:20 a.m. Tuesday, Mar. 15, 2005
9:30 a.m.	8:30-10:20 a.m. Wednesday, Mar. 16, 2005	8:30-10:20 a.m. Wednesday, Mar. 16, 2005

Materials

Week	Date	Monday	Wednesday	Friday
1	Jan 3, 5, 7	Introduction		Protocols and Layering
2	Jan 10, 12, 14	Protocols and Layering	Visiting researchers' talks	Bits, Links, and Frames
3	Jan 17, 19, 21	**Martin Luther King Day**	Bandwidth and Delay	Broadcast Media
4	Jan 24, 26, 28	Wireless and Contention-Free Protocols		Learning Bridges, updateTable.c
5	Jan 31, Feb 2, 4	IP/ICMP and the Network Layer		Distance Vector Routing
6	Feb 7, 9, 11	Sliding Windows and ARQ		Connections part 1, client.c, server.c
7	Feb 14, 16, 18	Connections part 2	Congestion and RTT	Pthreads in C, print.c
8	Feb 21, 23, 25	**Presidents Day**	Congestion and RTT	
9	Feb 28, Mar 2, 4	HTTP and the Web	RPC	
10	Mar 7, 9, 11	Tunneling, Translating, and Booting. Other Protocols.		

Feb 17 section slides: Silliness

+ Reading through 6.4

Key Concepts

- End to End
- Best Effort
- Streams and Datagrams
- Protocol Stacks
- Layer Mismatch
- Encapsulation
- Buffer Management
- Adaptive Retransmission
- Sequence Timelines

Projects

- Flooding and Neighbor Discovery
- Routing
- Reliable Transport+Congestion Control
- An Application