

CS 222/322 Syllabus and Reading Schedule (Stevens, Fall 2000)

~Date	Lecture Topics	Readings H&P	Problem sets H&P	Readings Hill	Labs	Team Project
26-Sep	L1, Introduction	Chap 1 (1.1-1.5)		1.1,1.56, 1.79		
28-Sep	L2, Fundamentals	Chap 1 (1.6-1.10)	1.1, 1.5, 1.6, 1.8, 1.9, 1.17	1.60, 2.101	Benchmark	
3-Oct	L3, ISA Basics	Chap 2 (2.1-2.6)		3.111, 3.119		
5-Oct	L4, ISA Basics	Chap 2 (2.7-2.11)	2.3, 2.5, 2.6, 2.10, 2.11	3.135	DLX Sim	
10-Oct	L5, Pipeling	Chap 3 (3.1-3.6)		1.32, 1.40		
12-Oct	L6, Pipelining	Chap 3 (3.6-3.12)	3.1, 3.4, 3.9	4.288		
17-Oct	L7, ILP	Chap 4 (4.1-4.6)		4.175,4.185, 4.202		Proposals Due
19-Oct	L8, ILP	Chap 4 (4.7-4.11)	4.1, 4.2, 4.6, 4.14(a,g)	4.214, 4.275		
24-Oct	L9, Memory Hierarchy	Chap 5 (5.1-5.6)		6.363, 6.371	LLC Benchmarks	
26-Oct	L10, Memory Hierarchy	Chap 5 (5.7-5.13)	5.8, 5.9, 5.23	6.373, 6.387		
31-Oct	L11, Storage	Chap 6 (6.1-6.5)		7.443, 7.451		PPT Outline Due
2-Nov	L12, Storage	Chap 6 (6.6-6.11)	6.5	7.462, 7.474		
7-Nov	L13, Networking	Chap 7 (7.1-7.6)		7.482	VLSI/CAD	
9-Nov	L14, Networking	Chap 7 (7.7-7.13)	7.3, 7.4, 7.9	7.492		
14-Nov	L15, Multiprocessing	Chap 8 (8.1-8.5)		9.551, 9.611		Two Page Summary
16-Nov	L16, Multiprocessing	Chap 8 (8.6-8.11)	8.1, 8.9, 8.11	9.583, 9.600		
21-Nov	L17, Advanced Topics	Transmeta, Xscale		10.643, 10.668		
28-Nov	L18, Advanced Topics	Graphics		10.681		
30-Nov	L19, Advanced Topics	Playstation2		7.507		
~5-Dec	Final					Projects Due

Note:

Problem sets and Paper summaries are due one week after assignment at 5:00 pm.

Labs are due two weeks after assignment at 5:00 pm.