Spring 2008

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Reading
January 21	22 Lecture 1 Intro+ECE331 Review	23	24 Lecture 2 Instruction Set	25	**26**	**27**	Chapter 1 2.1-2.4
28	29 Lecture 3 Operands **HW1 Due**	30	31 Lecture 4 Machine Instructions	**February 1**	**2**	**3**	Sections 2.4-2.5 5.1-5.3
4	5 Lecture 5 Branch **HW2 Due**	6	7 Lecture 6 Comp Arith	8	**9**	**10**	Sections 2.6-2.8 3.1-3.5
11	12 Lecture 7 Stack **HW3 Due**	13	14 Lecture 8 Frame Pointer	15	**16**	**17** **+10%** **MP1 Early**	Sections 2.9-2.15 5.4
18	19 Lecture 9 Addressing **HW4 Due**	20	21 Lecture 10 Performance **MP1 Due**	22	**23**	**24**	Sections Chatper 4
25	26 Lecture 11 Performance **HW5 Due**	27	28 Lecture 12 Multicycle	29	**March 1**	**2**	Section 5.5
3	4 Lecture 13 **Review** **HW6 Due**	5	6 **Midterm**	7	**8**	**9**	
10	11	12	13	14	**15**	**16**	
Spring Break							
17	18 Lecture 14 Exceptions	19	20 Lecture 15 Microprogram	21	**22**	**23** **+10%** **MP2 Early**	Sections 5.6-5.7 Appendix C
24	25 Lecture 16 Pipelining **HW7 Due**	26	27 Lecture 17 Hazards **MP2 Due**	28	29	30	Sections 6.1-6.6
31	**April 1** Lecture 18 Hazards **HW8 Due**	2	3 Lecture 19 Prediction	4	**5**	**6**	Section 6.8
7	8 Lecture 20 Cache **HW9 Due**	9	10 Lecture 21 Cache	11	**12**	**13**	Sections 7.1-7.3

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Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Labs/Reading
14	15 Lecture 22 Cache **HW10 Due**	16	17 Lecture 23 Virtual Memory	18	**19**	**20**	Sections 7.4-7.8
21	22 Lecture 24 TLB **HW11 Due**	23	24 Lecture 25 VLIW	25	**26**	**27** **+10%** **MP3 Early**	Sections 6.9-6.11
28	29 Lecture 26 Superscalar **HW12 Due**	30	**May 1** Lecture 27 **Review** **MP3 Due**	2	**3**	**4**	
5	6	7	8	9	**10**	**11**	
12	13 **Final Exam**	14	15	16	**17**	**18**	

The Course Schedule is Subject to Change!!!