Fall 2007

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Reading
August 27	28 Lecture 1 Intro+ECE331 Review	29	30 Lecture 2 Instruction Set	31	**September 1**	**2**	Chapter 1 2.1-2.4
3 Labor Day	4 Lecture 3 Operands **HW1 Due**	5	6 Lecture 4 Machine Instructions	7	**8**	**9**	Sections 2.4-2.5 5.1-5.3
10	11 Lecture 5-a Comp Arith. **HW2 Due**	12	13 Lecture 5-b Comp Arith	14	**15**	**16**	Sections 3.1-3.5
17	18 Lecture 6 Branch **HW3 Due**	19	20 Lecture 7 Stack	21	**22**	**23** **MP1 Early**	Sections 2.6-2.8 5.4
24	25 Lecture 8 Frame Pointer **HW4 Due**	26	27 Lecture 9 Addressing **MP1 Due**	28	29	**30**	Sections 2.9-2.15
October 1	2 Lecture 10 Performance **HW5 Due**	3	4 Lecture 11 Single Cycle Performance	5	**6**	**7**	Chapter 4
8 Columbus Day Recess	9 no class	10	11 Lecture 12 Multicycle	12	**13**	**14**	Sections 5.5
15	16 Lecture 13 **Review** **HW6 Due**	17	18 **Midterm**	19	**20**	**21**	
22	23 Lecture 14 Exceptions	24	25 Lecture 15 Pipelining	26	**27**	**28**	Sections 5.6, 6.1-6.2
29	30 Lecture 16 Hazards **HW7 Due**	31	**November 1** Lecture 17 Hazards **MP2 Due**	2	**3**	**4**	Sections 6.3-6.6
5	6 Lecture 18 Prediction **HW8 Due**	7	8 Lecture 19 Memory Hierarchy	9	**10**	**11**	Sections 6.7-6.11, 7.1-7.2
12	13 Lecture 20 Cache **HW9 Due**	14	15 Lecture 21 Virtual Memory	16	**17**	**18**	Sections 7.3-7.4

ECE445 Jens-Peter Kaps

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Reading
November 19	20 Lecture 22 TLB **HW10 Due**	21	22	23 Thanksgiving Recess	**24**	**25**	Sections 7.5-7.7
26	27 Lecture 23 Multiple Issue **HW11 Due**	28	29 Lecture 24 Superscalar	30	**December 1**	**2**	Sections 6.9- other
3	4 Lecture 25 VLIW **HW12 Due**	5	6 Lecture 26 Review **MP3 Due**	7	**8**	**9**	
10	11	12	13 **Final Exam**	14	**15**	**16**	
17	18	19	20	21	**22**	**23**	

The Course Schedule is Subject to Change!!!