

Spring 2014

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Reading
January 20	21	22	23	24	25	26	1.1-1.5, 1.7-1.8 2.4 Appendix B.10
Lecture 1 Intro+ECE331 Review				Project Intro 2:00-3:00pm 3:00-4:00pm			
27	28	29	30	31	February 1	2	2.1-2.3, 2.5-2.6
Lecture 2 Introduction HW 1 Due		Lecture 3 Instruction Set Operands		Project 1 Due			
3	4	5	6	7	8	9	4.1-4.4
Lecture 4 Inst. Formats HW 2 Due		Lecture 5 Instruction Datapaths					
10	11	12	13	14	15	16	'2.7, 2.8 Appendix A
Lecture 6 Branch/Jump HW 3 Due		Lecture 7 Assembly SPIM					
17	18	19	20	21	22	23	'2.8, 4.9
Lecture 8 Stack/Excpt HW 4 Due		Lecture 9 Frame Pointer Addressing		Project 2 Due			
24	25	26	27	28	March 1	2	1.6
Lecture 10 Performance HW 5 Due		Lecture 11 Performance		Project 3 Due			
3	4	5	6	7	8	9	3.1-3.5
Snow Day		Lecture 12 Comp Arith HW 6 Due					
10	11	12	13	14	15	16	
Spring Break							
17	18	19	20	21	22	23	3.1-3.5
Lecture 13 Review		Midterm					
24	25	26	27	28	29	30	4.6-4.6 Appendix D
Lecture 14 Floating Point		Lecture 15 Microprogram		Project 4 Due			
31	April 1	2	3	4	5	6	4.7-4.8
Lecture 16 Pipelining HW 7 Due		Lecture 17 Hazards					
7	8	9	10	11	12	13	5.1-5.2 on MyMason
Lecture 18 Hazards HW 8 Due		Lecture 19 Prediction		Project 5 Due			

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14 Lecture 20 Mem and I/O HW 9 Due	15	16 Lecture 21 Cache	17	18	19	20	5.3
21 Lecture 22 Cache HW 10 Due	22	23 Lecture 23 Improving Cache	24	25 Project 6 Due	26	27	5.4-5.6
28 Lecture 24 Virtual Memory HW 11 Due	29	30 Lecture 25 TLB	May 1	2	3	4	5.7-5.8
5 Lecture 26 Review HW 12 Due	6	7	8 Lecture 27 Q & A	9 Final Exam 9:45–11:45am	10	11	
12	13	14 End Exam Period	15	16	17	18	

The Course Schedule is Subject to Change!!!

Class Time Room
ECE 445 10:30 am – 11:45 am Planetary Hall 122