ECE 362 Lecture and Lab Schedule (Disclaimer: subject to change)

Date	Class	Topic	Lab	Comments
1/9	1	L1: Introduction		Post HW0
1/11	2	L1: Microcontroller	**No lab**	
1/16	3	L2: Microcontroller Programming 1		Post HW0 solution, Post HW1
1/18	4	L2: Microcontroller Programming 2	**No lab**	
1/23	5	L2: Microcontroller Programming 3		Post HW1 sol, Post HW2
1/25	6	L3: Hexadecimal Computation	1	
1/30	7	L3: Arithmetic Instructions		Post HW2 sol, Post HW3
2/1	8	L3: Arithmetic, Compare & Branch	2	
2/6	9	L3: Compare & Branch		
2/8	10	L4: Programming Structures	3	Post HW4
2/13	11	L4: Tables, L5: Logic & Bit Operations		Post HW3 sol
2/15	12	Review for Test1	4	
2/20	**13**	**TEST1(Ch 1,2,3)**		
2/22	14	L5: Bit Operations, Keypad access	**5-1**	Post HW4 sol, Post HW5
2/27	15	L6: Subroutine & Stack		
2/29	16	L6: Subroutine and Stack Frame	5-2	Post HW5 sol, Post HW6
3/5	17	Review for Test2, L21: Common mistakes		
3/7	**18**	**TEST2(3,4,5)**	6	
3/12		**SPRING BREAK**		
3/19	19	L7: Basic I/O	7-1	Post HW6 sol, Post HW7
3/21	20	L7: Interrupt		
3/26	21	L7: Interrupt	7-2	
3/28	22	L7: Interrupt		
4/2	23	L8: Memory System	Project	Post HW7 sol, Post HW8
4/4	24	Review for Test3	Project	
4/9	**25**	**TEST3(6,7)**	Project	
4/11	26	L8: Memory System	Project	
4/16	27	L8: Memory System	Project	
4/18	28	L9: External Interface, L10: ADC/DAC	Project	Post HW8 sol, Post HW9,10
4/23	29	L11: Communication, L12: CAN	Project	Post HW9,10 solutions
4/25	30	HW8-10 Review	Project	Review for Final Exam
5/2	**31**	**Final Exam (3:30-5:30pm)**		**Comprehensive**

Test1: Assembly language, addressing mode, arithmetic operations, branch, and condition flags
Test2: Arithmetic computations, branch, program loops, arrays, tables, bit/logic operations
Test3: Assembly programming, stack operations, subroutines, and interrupts.
Before Test 2, go over Common Instruction Mistakes.