

Fall 2021

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Reading/Labs
August 23 Introduction	24	25 MSP 430 Introduction	26	27	28	29	D: 1, 2.1-2.5 J: 1, 3.1-3.6 Intro Lab
30 I/O Interfacing Quiz 1	31	September 1 SW Develop C & Assembly	2	3	4	5	D: 3, 4, 6.1-6.5 D: 7.1-7.6 J: 5.1-5.3, 8.1-8.3 Lab 0
6 Labor Day	7	8 Assembly Language Quiz 2	9	10	11	12	D: 5.1-5.6 J: 3.7-3.8, 4.1-4.4, J: 5.4 1) No Labs
13 Code Examples Quiz 3	14	15 Polling / Interrupt	16	17	18	19	D: 6.6-6.9 J: 3.9-3.10, 4.7-4.8 J: 7.1-7.3 Lab 1 in-class
20 Timer Output Compare Quiz 4	21	22 Timer Examples	23	24	25	26	D: 5.8, 8.3-8.9 J: 7.4 Lab 1 Due
27 Low-Power Statemachine Quiz 5	28	29 LCD	30	October 1	2	3	D: 6.10, 7.7-7.9 J: 8.4-8.7, 2) SLAU367: 1.3-1.6 Lab 2 Due
4 Keypad Debounce Quiz 6	5	6 Timers Capture	7	8	9	10	J: 8.3 Lab 3 Due
11 Fall Break	Review	12 Midterm Exam	13	14	15	16	17 Lab 4 Due
18 WDT and RTC Quiz 7	19	20 Comparator ADC	21	22	23	24	D: 8.1-8.2, 8.10-8.11 D: 9.1-9.3 J: 10.1-10.5 Lab 5 Due
25 ADC code SAR + SW Quiz 8	26	27 ADC Sig, Delt DAC	28	29	30	31	D: 9.4-9.12 J: 10.6-10.9 Lab 6 Due
November 1 SPI	2	3 I2C	4	5	6	7	D: 10.1-10.11 J: 9 Lab 7 Due
8 RS232 Quiz 9	9	10 USB	11	12	13	14	D: 10.12-10.15 SLAA457a: 1-3 Lab 8 Due

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Labs/Reading
DMA Quiz 10		Power and Clock Sources					D: 2.6-2.7, 5.7-5.8 J: 6.2-6.7, 7.6 SLAU367: 9 Lab 9 Due
no class		Thanksgiving Recess					
Q&A Open Discussion		December 1	Review				Lab 10 Due
Reading Day	Reading Day						
Final Exam (1:30 pm – 4:15 pm)							

Reading Assignments Example

J:1.1-1.3 Reading from Jiménez et al. Chapters 1.1 through 1.3
 D:3, 4.1-4.2 Reading from Davies Chapters 3 and 4.1 through 4.2

Additional Reading Assignments

- 1) SLAU132 6.1-6.8
- 2) SLAA654:1-5

The Course Schedule is Subject to Change!!!

Lectures	Monday / Wednesday	AB 2003	3:00 pm – 4:15 pm
Labs	Monday	ENGR 1505	4:30 pm – 7:10 pm
	Thursday	ENGR 1505	4:30 pm – 7:10 pm

Updated 8/20/21