

TENTATIVE SCHEDULE FOR ECE-231 PART 2, 8-BIT EMBEDDED SYSTEMS

VERSION	1.0	Spring 2025	
Day	Date	Lecture	Lab
Mon	3/31/25	8.1 Intro	Lab 8.0: Install tools & blink
Tues	4/1/25		Lab 8.0 Install tools & blink
Wed	4/2/25	8.2 GPIO	Lab 8.0 Install tools & blink
Thurs	4/3/25		Lab 8.0 Install tools & blink
Fri	4/4/25		Lab 8.0 Install tools & blink
Sat	4/5/25		<i>Lab 8.0 Due 4/5/25</i>
Sun	4/6/25		
Mon	4/7/25	8.3 GPIO	Lab 8.1 8-bit GPIO
Tues	4/8/25		Lab 8.1 8-bit GPIO
Wed	4/9/25	8.4 GPIO	Lab 8.1 8-bit GPIO
Thurs	4/10/25		Lab 8.1 8-bit GPIO
Fri	4/11/25		Lab 8.1 8-bit GPIO
Sat	4/12/25		<i>Lab 8.1 Due Sat 4/12/24</i>
Sun	4/13/25		
Mon	4/14/25	8.5 UART	Lab 8.2 Dig Thermometer
Tues	4/15/25		Lab 8.2 Dig Thermometer
Wed	4/16/25	8.6 ADC & OLED	Lab 8.2 Dig Thermometer
Thurs	4/17/25		Lab 8.2 Dig Thermometer
Fri	4/18/25	8.7 Timers & Counters	Lab 8.2 Dig Thermometer
Sat	4/19/25		
Sun	4/20/25		
Mon	4/21/25	8.7 Timers & Counters, Cont.	Lab 8.2 Dig Thermometer
Tues	4/22/25		Lab 8.2 Dig Thermometer
Wed	4/23/25	8.8 Timers & Counters, Cont.	Lab 8.2 Dig Thermometer
Thurs	4/24/25		Lab 8.2 Dig Thermometer
Fri	4/25/25		Lab 8.2 Dig Thermometer
Sat	4/26/25		<i>Lab 7 Due Sat 4/26/25 - Dig Thermometer</i>
Sun	4/27/25		
Mon	4/28/25	8.9 Seven Segment LED	Lab 8.3 Infrasond & LED
Tues	4/29/25		Lab 8.3 Infrasond & LED
Wed	4/30/25	8.10 Infrasond	Lab 8.3 Infrasond & LED
Thurs	5/1/25		Lab 8.3 Infrasond & LED
Fri	5/2/25		Lab 8.3 Infrasond & LED
Sat	5/3/25		
Sun	5/4/25		
Mon	5/5/25	8.11 Timers Misc.	Lab 8.3 Infrasond & LED
Tues	5/6/25		Lab 8.3 Infrasond & LED
Wed	5/7/25	8 bit review (DM)	Lab 8.3 Infrasond & LED
Thurs	5/8/25		Lab 8.3 Infrasond & LED
Fri	5/9/25		Lab 8.3 Infrasond & LED
Sat	5/10/25		<i>Lab 8.3 due Sat 5/10/25 - Infrasond & OLED</i>