

The following schedule outlines the material to be covered during the semester and specifies the corresponding sections in the textbooks: *Essentials of Computer Organization and Architecture (CO&A)*, by Null & Lobur and *Assembly Language Step-by-Step (ALSbS)*, by Dunteman.

Date	Topic	Reading		Homework	
		CO&A	ALSbS	Assign	Due
Thu 08/30	Introduction, Data Representation I	1.1–1.8		HW1	
Tue 09/04	Data Representation II	2.1-2.4, 2.6			
Thu 09/06	i386 Assembly Language I	4.14	Ch 3-4	HW2	HW1
Tue 09/11	i386 Assembly Language II		Ch 5-6		
Thu 09/13	i386 Assembly Language III		Ch 7-8	Proj1	HW2
Tue 09/18	i386 Assembly Language IV		Ch 9		
Thu 09/20	Examples			Proj2	Proj1
Tue 09/25	Subroutines & Interrupts		Ch 10		
Thu 09/27	Compiling, Assembling & Linking			Proj3	Proj2
Tue 10/02	C Programming I				
Thu 10/04	C Programming II			Proj4	Proj3
Tue 10/09	C Programming III				
Thu 10/11	C Programming IV			Proj5	Proj4
Tue 10/16	C Programming V				
Thu 10/18	C Programming VI				Proj5
Tue 10/23	Midterm Exam				
Thu 10/25	C & Assembly Language I		Ch 12	Proj6	
Tue 10/30	C & Assembly Language II				
Thu 11/01	Dynamic Memory Allocation I			Proj7	Proj6
Tue 11/06	Dynamic Memory Allocation II				
Thu 11/08	Introduction to Digital Logic	3.1–3.3		Proj8	Proj7
Tue 11/13	Transistors & Logic Gates				
Thu 11/15	Circuits for Addition	3.4-3.5		HW3	Proj8
Tue 11/20	Flip Flops I	3.6			
Thu 11/22	<i>Thanksgiving break</i>				
Tue 11/27	Flip Flops II			HW4	HW3
Thu 11/29	Finite State Machines I				
Tue 12/04	Finite State Machines II			HW5	HW4
Thu 12/06	Cache & Virtual Memory	6.1–6.6			
Tue 12/11	TBA				HW5
Thu 12/13	Section 02* Final Exam, 1pm-3pm (*meets TuTh 2:30–3:45pm)				
Tue 12/18	Section 01* Final Exam, 1pm-3pm (*meets TuTh 1:00–2:15pm)				