

Spring 2025 CS250			
Week Of	Course Content	Relevant Reading	Assignments
Jan 13	Binary, basic computer capabilities	Chapters 1 and 10	
Jan 20	Basic capabilities continued		
Jan 27	Parts of a computer, logic		
Feb 3	Gates and Logic		
Feb 10	Stack, Registers, CPU, instruction sets		
Feb 17	Midterm 1		Project 1 due
Feb 24	Assembly Programming and system calls	Chapters 3, 4	
Mar 3	Files, Records, more with memory	Chapters 5, 6, 7, 8, 9	
Mar 10	Files and Records		Project 2 due
Mar 17	Midterm 2		
Mar 24	Spring Break		
Mar 31	Integrating assembly with C, C calling conventions	Online (TBA)	
Apr 7	Integrating assembly with C, continuation and demos		Project 3 due
Apr 14	Floating point and assembly		Project 4 due
Apr 21	Parallel Processing		
Apr 28	Topics of Interest (maybe GPUs or other architectures)		Project 5 due
May 5	Final Exam Thursday, May 8, at 9:00 in MLH 310		