

CS 33: Computer Organization

Instructor: Glenn Reinman (reinman@cs.ucla.edu)

Text: Bryant & O'Hallaron, "Computer Systems: a Programmer's Perspective", 3rd Edition.

Grading: 5% Homework, 40% Labs, 55% Exams

Tentative Class Schedule

Week	Monday's	Wednesday's	Friday's
1	Intro + Bits and Bytes (1,2)	Integers (2)	Warmup Lab Due
2	Machine-Level Programming I: Basics (3)	Machine-Level Prog II: Control (3)	
3	Machine-Level Prog III: Procedures (3)	Machine-Level Prog IV: Data (3)	Data Lab Due
4	Machine-Level Prog V: Advanced Topics (3)	Floating Point (2)	
5	MIDTERM	Program Optimization (5)	Bomb Lab Due
6	The Memory Hierarchy (6)	Cache Memories (6)	
7	Concurrency (12+handouts)	Concurrency (12+handouts)	Attack Lab Due
8	Linking + Exceptions (7,8)	Virtual Memory (9)	
9	Holiday!	I/O (10)	
10	MIPS (handouts)	Review	Parallel Lab Due

Final Exam: Wednesday, June 13, 2018 @ 3pm-6pm