

CS M151B / EE M116C

Computer Systems Architecture

Instructor:	Glenn Reinman (<i>reinman@cs.ucla.edu</i>) Lectures: Mon/Wed, 8-9:50am in Franz Hall 1178 Office Hours: Mon/Wed 10-11am in Boelter 4731G
TAs:	TBA – Please check CourseWeb
Text:	Patterson & Hennessy, "Computer Organization and Design - The Hardware/Software Interface", Morgan Kaufmann, 5e ed.
Grading:	10% Homework 40% Midterm 50% Final (8AM-11AM, March 22, 2018)

Tentative Class Outline

Mondays			Wednesdays		
Jan	8	Introduction	11	Performance	
	15	HOLIDAY	17	ISA	
	22	ISA	24	ALU	
	29	ALU	31	Single Cycle Arch	
Feb	5	Single Cycle Arch	7	Pipelining	
	12	MIDTERM	14	Adv Pipelining	
	19	HOLIDAY	21	Caching	
	26	Caching	28	Virtual Memory	
Mar	5	I/O	7	Advanced Topics	
	12	Advanced Topics	14	Review	