

Date	Topic	Reading
January 11, 2012	Introduction, Syllabus	Chapter 1
January 13, 2012	What is Computer Architecture?	Chapter 1
January 16, 2012	MLK Holiday	
January 18, 2012	The Role of Performance	Chapter 1
January 23, 2012	ExamOne, Performance Equations	Chapter 2
January 25, 2012	Instruction Set Architecture	Chapter 2
January 27, 2012	MIPS Assembler	Chapter 2
January 30, 2012	ExamTwo, Computer Arithmetic	Chapter 2
February 1, 2012	MIPS Assembly Language Programming	Chapter 2
February 3, 2012	MIPS Addressing Modes	Chapter 2
February 6, 2012	ExamThree, Pointers in Assembler	Chapter 3
February 8, 2012	How the Computer Does Arithmetic	Chapter 3
February 10, 2012	Addition and Subtraction	Chapter 3
February 13, 2012	ExamFour, Multiplication	Chapter 3
February 15, 2012	Division	Chapter 3
February 17, 2012	Floating Point	Chapter 3
February 20, 2012	ExamFive, Building a DataPath, Single Cycle Design	Chapter 4
February 22, 2012	Building a DataPath, Single Cycle Design	Chapter 4
February 24, 2012	Building a DataPath, Single Cycle Design	Chapter 4
February 27, 2012	Midterm Examination Review	Chapters 1-4
February 29, 2012	Midterm Examination	
March 2, 2012	Midterm, Reconsidered	
March 5, 2012	Implementing Control, Single Cycle Design	Chapter 4
March 7, 2012	Implementing Control, Single Cycle Design	Chapter 4
March 9, 2012	Implementing Control, Single Cycle Design	Chapter 4
March 12, 2012	Spring Break	
March 14, 2012	Spring Break	
March 16, 2012	Spring Break	
March 19, 2012	ExamSix, Building a DataPath, Multiple Cycle Design	Chapter 4
March 21, 2012	Building a DataPath, Multiple Cycle Design	Chapter 4
March 23, 2012	Implementing Control, Multiple Cycle Design	Chapter 4
March 26, 2012	ExamSeven, Introduction to Pipelining	Chapter 5
March 28, 2012	Pipeline hazards, how to avoid them	Chapter 5
March 30, 2012	Introduction to Cache Memory	Chapter 5
April 2, 2012	ExamEight, More on Cache Memory	Chapter 5
April 4, 2012	Virtual Memory	Chapter 5
April 6, 2012	Good Friday Holiday	
April 9, 2012	ExamNine, Multicores, multiprocessors and clusters	Chapter 7
April 11, 2012	Multicores, multiprocessors and clusters	Chapter 7
April 13, 2012	Multicores, multiprocessors and clusters	Chapter 7
April 16, 2012	ExamTen	
April 18, 2012	Multicores, multiprocessors and clusters	Chapter 7
April 20, 2012	Multicores, multiprocessors and clusters	Chapter 7
April 23, 2012	ExamEleven	
April 25, 2012	Multicores, multiprocessors and clusters	Chapter 7
April 27, 2012	FinalExaminationReview, Student Evaluation	
April 30, 2012	Reading Days	
May 1, 2012	Reading Days	
May 7, 2012	Final Examination, 12:00pm	