

Date Mondays	Week	Lectures (M/W/F 9am)	Lab Assigned / Prelab Due (Tues 2pm, Wed 4pm)	Quiz Due (Sundays by 11:59pm)	Lab Due (Tues 2pm, Wed 4pm)
26-Aug	1	ESD Intro SOPC and Cores ESE / Demo 1 -Intro to NIOS	No lab	Q1: ESD, SOPC, and Cores	No Lab
02-Sep	2	No Class - Holiday NIOS II Assembly Demo 2 - Assembly	Obtain Lab Kit, Lab 1	No Quiz	No Lab Due
09-Sep	3	NIOSII Embedded Software Class Cancelled, No Demo	Lab2: Assembly Language	Q2: Assembly, NIOSII, Embedded SW	Lab 1
16-Sep	4	C Review Interrupts Demo 3 - Interrupts	Lab2: Assembly Language Cont	Q3: C Review and Interrupts	No lab due
23-Sep	5	I/O Devices Class Cancelled, Career Fair Demo 4 - Custom Comp	Lab3: Interrupts	No Quiz	Lab 2
30-Sep	6	Av Custom Comp & Exam Review Exam 1 Demo 5 - Signal Tap	Lab 4: Servo Controller	No Quiz	Lab 3
07-Oct	7	Memory Intro Memory Devices Class Cancelled, No Demo	No Lab - Holiday	Q4: IO Devices and Avalon/Custo Comp	No Lab Due
14-Oct	8	No Class - Holiday Interfacing with Memory Memory Hierarchy	Lab 5: Custom IP Integration	Q5: Memory and Memory Devices	Lab 4
21-Oct	9	Memory Hierarchy Continued Hardware accel Lab 6 Questions - Working	Lab 6: RAM IP	Q6: Memory Interfacing and Hierarchy	Lab 5
28-Oct	10	Audio Basics/Pipelining Static Timing Analysis Demo 6 - Audio	Lab 7: RAM Interfacing	Q7: Hardware Accel, Audio Basics, Pipelining, and Static Timing	Lab 6
04-Nov	11	Bus Structure DMA Demo 7 - TimeQuest	Lab 7: RAM Interfacing Cont.	Q8: Structure and DMA	No Lab Due
11-Nov	12	Lab and Exam Review Exam 2 Demo 8 - Arbitration p1	Lab 8: Digital Filter Design	No Quiz	Lab 7
18-Nov	13	Bus Presentations Bus Presentations Demo 9 - Arbitration p2	Lab 9: Avalon Switch	No Quiz	Lab 8
25-Nov	14	Clock Domain Crossing No Class - Holiday No Class - Holiday	No New Lab	No Quiz	No Lab
02-Dec	15	Buffers and Fifos Benchmarking/Revision Control Class Cancelled, No Demo	No New Lab	No Quiz	Lab 9

09-Dec	Finals	Complete Final Exam Review Packet		**Quizzes 9 and 10 are combined for Bus presentation grades**		
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