CS 331 Course Schedule

Spring 2003 – *Version 2.0*

UPDATE March 3: Labs 4 and 5 were moved up one week.

Changes may be made during the semester if necessary.

Week	Lecture	Lab	Homework
#1	(1/22) #1 Introduction		
#2	(1/27) #2 Assembly Programming I (1/29) #3 Assembly Programming II	Lab 0	
#3	(2/3) #4 A/D and D/A Devices (2/5) #5 Interrupt Handling I	Lab 1 week 1	(2/3) HW 1 out
#4	(2/10) #6 Interrupt handling II (2/12) #7 Real Time Periodic Tasks I	Lab 1 week 2	(2/14) HW 1 due
#5	(2/17) #8 Real Time Periodic Tasks II (2/19) #9 Signals and Filters I	Lab 2 week 1 Lab 1 report due	(2/17) HW 2 out
#6	(2/24) #10 Signals and Filters II (2/26) #11 PID Control I	Lab 2 week 2	(2/28) HW 2 due
#7	(3/3) #12 PID Control II (3/5) Mid-Term Review	Lab 2 report due	
#8	(3/10) Mid-Term Exam (during class) (3/12) #13 Simulations with MATLAB	Lab/HW 3 (EWS lab)	
#9	(3/17) #14 Serial I/O (3/19) #15 RTOS I	Lab 4 week 1 (3/21) Lab/HW 3 report due	
	Spring Break		
#10	(3/31) #16 RTOS II (4/2) #17 Real Time Scheduling Theory	Lab 4 week 2	(3/31) HW 4 out
#11	(4/7) #18 Exact Analysis of Periodic Systems (4/9) #19 Practical Software Engineering	Lab 5 week 1 Lab 4 report due	(4/11) HW 4 due
#12	(4/14) #20 Real Time Synchronization I (4/16) #21 Real Time Synchronization II	Lab 5 week 2	
#13	(4/21) #22 Handling Aperiodic Events (4/23) #23 Analyzing RT Embedded System	Lab 5 report due	(4/21) HW 5 out
#14	(4/28) #24 Real Time Networking (4/30) Final Review		(5/2) HW 5 due
	Final Exam (date, time, and location TBA)		