

CS270 Schedule – Fall 2016

Week	Lecture	Recitation	Homework	iClicker
1 (8/22 – 8/26)	L01) Welcome Aboard – C1 L02) Programming in C – C11 L03) Numerical Representation – C2	R1: C Programming Tutorial	P1: Introduction to C (8/28) H1: Numerical Representation	Practice Quiz
2 (8/29 – 9/2)	L04) C Variables/Operators – C12 L05) C Control Structures – C13 L06) C Functions – C14	R2: Numerical Representation	P2: Number Conversion (9/4) H2: Number Crunching (9/4)	Peer 1) Number Representation
3 (9/5 – 9/9)	L07) C Debugging – C15 L08) C Pointers/Arrays/Strings – C16 L09) C Structures – C19	R3: Bit Fields in C, Makefiles	P3: Floating Point in C (9/11)	Peer 2) More Numbers
4 (9/12 – 9/16)	L10) C Input/Output – C18 L11) Recursion – C17	R4: C Data Structures		Peer 3) C Programming
5 (9/19 – 9/23)	L12) Engineering Methodology Review Session	R5: C Programming Exercise	P4: Symbol Table (9/25)	
First Midterm	In class (9/22)			
6 (9/26– 9/30)	L13) LC-3 Architecture – C5 L14) LC-3 Assembly Language – C7	R6: LC-3 Programming Intro	P5: LC-3 Warmup Exercise (10/2)	Peer 4) LC-3 Architecture
7 (10/3 – 10/7)	L15) Von Neumann Arch. – C4 L16) LC-3 Programming – C6	R7: LC-3 More Programming	P6a: LC-3 String Library I (10/9)	Peer 5) LC-3 Assembly Code
8 (10/10 – 10/14)	L17) LC-3 Input/Output – C8 L18) LC-3 Traps/Subroutines – C9	R8: LC-3 Input and Output	P6b: LC-3 String Library II (10/16)	Peer 6) LC-3 Assembly Code, cont.
9 (10/17 – 10/21)	L19) Finally, the Stack! - C10 L20) Memory Model	R9: LC-3 Stack Exercise	P7: Recursion Assignment (10/23)	Peer 7) Stack/Memory Model
10 (10/24 – 10/28)	Review Session	Q2: LC-3 Programming Quiz	P8a: LC-3 Assembler Pass I (10/30)	
Second Midterm	In class (10/27)			
11 (10/31 – 11/4)	L21) Digital Logic Structures – C3 L22) Combinational Logic – C3	R10: Logisim Introduction	H3: Digital Logic Logisim (11/6)	Peer 8) Transistors and Logic
12 (11/7 – 11/11)	L23) Sequential Logic – C3 L24) State Machines – C3	R11: Assembler Help Session	No assignment	Peer 9) Memory and State Machines
13 (11/14 – 11/18)	L25) Computer Arch. 1 – Trends L26) Computer Arch. 2 – Memory	R12: Simple State Machine		Peer 10) C Programming Errors Peer 11) C Input, Output, Structs Peer 12) More C Programming
Fall Break	November 21-25			
14 (11/28 – 12/2)	L27) Computer Arch. 3 – Performance L28) C versus C++	Q3: C Programming Quiz	P8b: LC-3 Assembler Pass II (12/4) H4: Logisim State Machine (12/2)	Peer 13) Computer Architecture
15 (12/5 – 12/9)	Sanjay Guest Talk Review Session	R13: Review Session (Evaluations)	No assignment	Survey Quiz
Finals Week	Wed., Dec 14, 9:40-11:40am Wed., Dec 14, 6:20-8:20pm			