

CS163 Schedule – Fall Semester 2016

Week	Lecture	Labs	Programs	Peer Instruction
1 (8/22 – 1/26)	Liang Chapter 1 Course Introduction	R1) Course Logistics and Linux Tutr R2) Eclipse and Java Introduction	P1) Let's Get Started 8/29	Practice Quiz (8/26)
2 (8/29 – 9/2)	Liang Chapter 2 Eclipse Demo	R3) Variables, Data Types. Express R4) Scanners and Expressions	P2) Scientific Formulas (9/6)	Peer1) Basic Programming (9/2)
3 (9/5 – 9/9)	Labor Day Holiday Liang Chapter 3	No Lab	P3) Calculator Program (9/12)	Peer2) Conditionals (9/9)
4 (9/12– 9/16)	Liang Chapter 4 Primitives vs. Classes	R5) Booleans, Comparisons, Conditionals R6) Scanners, Strings, Characters Q1) Practice Quiz	P4) Tax Computation (9/19)	Peer3) Math, Chars, Strings (9/16)
5 (9/19 – 9/23)	Liang Chapter 5 First Midterm (9/23)	R7) Control Loops Q2) First Midterm Quiz	P5) Control Loops (9/26)	Peer4) Control Loops (9/21)
6 (9/26– 9/30)	Liang Chapter 6 Program Decomposition	R8) Maze Program, Start P6 R8) Methods and Parameters	P6) Maze Program (10/3)	Peer5) Methods/Arguments (9/30)
7 (10/3 – 10/7)	Liang Chapter 7 Collections and Algorithm	R9) Pseudo String Class R10) Arrays: Declare/Initialize/Access	P7) Modular Programming (10/10)	Peer6) Java Arrays (10/7)
8 (10/10 – 10/14)	Liang Chapter 8 Problem Solving	R11) Image Processing, Start P9 R12) Bit Operations, Misc. Java	P8) Image Transforms (10/17)	Peer7) Multi Arrays (10/14)
9 (10/17 – 10/21)	Liang Chapter 9 Object Oriented Prog.	R13a) Music Library (Part 1) R13b) Music Library (Part 2)	P9) Plotting Data (10/24)	Peer8) Objects/Classes (10/21)
10 (10/24 – 10/28)	Liang Chapter 12 Second Midterm (10/28)	R14) Software Testing Q3) Second Midterm Quiz	P10) Temperatures Arrays (10/31)	Peer9) File Input/Output (10/26)
11 (10/31 – 11/4)	Liang Chapter 13 Program Debugging	R15) Abstract Classes (I), Start P11 R16) Abstract Classes (II)	P11) Terriers and Squirrels (11/7)	Peer10) Java Interfaces (11/4)
12 (11/7 – 11/11)	Liang Chapter 18 Software Testing	R17) Practicing Recursion Q4) Makeup Quiz	P12) Recursion Directory (11/14)	Peer11) Recursion (11/11)
13 (11/14– 11/18)	Liang Chapter 20 Collections vs. Arrays	R18) ArrayList Example R19) Static versus Non-Static	P13a) Sudoku Part One (12/2)	
Fall Break				
14 (11/28 – 12/2)	Liang Chapter 23 Computational Complexity	R20) Sorting Performance Q5) Practice Programming Quiz	P13b) Sudoku Part Two (12/5)	Peer12) Java Arraylists (12/2)
15 (12/5 – 12/9)	Java Review Evolution Slides	R21) Peer Instruction Review Q6) Final Exam Quiz	No Assignment	Survey Quiz (12/9)
Finals Week	CS163: 001, Mon. 12/12, 4:10-6:10pm, 002, Mon. 12/12, 11:50am-1:50pm, CS164: Tue., 11:50am-1:50pm			