CPSC 292 – Lecture Tentative Schedule*

*Subject to change.

Date: Lecture Topic | Pre-class Work Items | Post-class Work Items | CLO covered
Davies: The Book of R by Tilman Davies; Chang: The R Graphics Cookbook by Winston Chang.

Unit 1: Beginnings

Mon Aug 30: L1.1: Introduction to the Course, Icebreakers. Why Learn R?
None | None | CLO 1–3 discussed

Wed Sept 1: L1.2: How Computers Work
None | Assignments 1.1, 1.2, 1.3 | 1.1.8, 1.2.1, 2.1.1–2.1.3

Fri Sept 3: L1.3: Computer Games
None | Assignment 1.4 | 1.2.1

Mon Sept 6: Labor Day (no class)

Wed Sept 8: L1.4: Hands-on Introduction to R and RStudio
Davies Ch. 1–2 | Assignment 1.5 | 1.1.1–1.1.7, 2.2.1

Fri Sept 10: L1.5: Types of Data
Davies Ch. 4 | Assignment 1.6 | 1.1.11

Mon Sept 13: L1.6: Vectors
Davies Ch. 2 | Assignment 1.7 | 1.1.9–1.1.11, 1.1.12

Wed Sept 15: L1.7: Matrices and Arrays
Davies Ch. 3 | Assignments 1.8, 1.9 | 1.1.9–1.1.12

Fri Sept 17: L1.8: Lists and Data Frames
Davies Ch. 5 | Assignments 1.10, 1.11 | 1.1.11–1.1.12

Mon Sept 20: L1.9: Factors, Special Values, and Class Coercion
Davies Ch. 6 | Assignment 1.12, 1.13 | 1.1.6, 1.2.1, 2.2.1

Wed Sept 22: Skill Check 1 (SK1): Basics of R
Review assignments | Complete Skill Check | CLO 1.1, 1.2.1, 2.1.1–2.1.3, 2.2.1, 3.5