

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 (no video)

[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* (no video)

[Review assignments](#) | [Complete Skill Check](#) | [CLO 1.1, 1.2.1, 2.1.1–2.1.3, 2.2.1, 3.5](#)