

## CPSC 292 – Lecture & Assignment Schedule

**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 29:** L1.1: Introduction to the Course, Icebreakers. Why Learn *R*?  
[None](#) | [None](#) | [CLO 1–3 discussed](#)

**Wed Aug 31:** 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 2:** L1.3: Computer Games (no video)  
[None](#) | [Assignment 1.4](#) | [1.2.1](#)

**Mon Sept 5:** Labor Day (no class)

**Wed Sept 7:** 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 9:** L1.5: Types of Data  
[Davies Ch. 4](#) | [Assignment 1.6](#) | [1.1.11](#)

**Mon Sept 12:** L1.6: Vectors  
[Davies Ch. 2](#) | [Assignment 1.7](#) | [1.1.9–1.1.11, 1.1.12](#)

**Wed Sept 14:** L1.7: Matrices and Arrays  
[Davies Ch. 3](#) | [Assignments 1.8, 1.9](#) | [1.1.9–1.1.12](#)

**Fri Sept 16:** L1.8: Lists and Data Frames  
[Davies Ch. 5](#) | [Assignments 1.10, 1.11](#) | [1.1.11–1.1.12](#)

**Mon Sept 19:** 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 21:** L1.10: Troubleshooting Problems  
[none](#) | [Assignment 1.14](#) | [1.1.6, 1.2.1, 2.2.1](#)

**Fri Sept 23:** *L2.1: Finding Meaning in Data, Discussing Projects (video: [McCandless TED Talk](#))  
[Storytelling and Data Science](#) | [Find a data set for project](#) | [CLO 3 discussed](#)*

**Mon Sept 26:** 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](#)