

Unit 3: Skill Building

Mon Oct 25: L3.1: Best Practices Discussion (no video)

[Assignment 3.1](#) ([Wilson et al. 2017](#) or [Stewart et al. 2017](#)) | [none](#) | 2.1.1, 2.1.4, 2.2.1–2.2.3

Wed Oct 27: L3.2 Version Control with git and Github (no video)

[None](#) | [None](#) | [2.3.1](#), [2.3.3](#), [2.3.4](#)

Fri Oct 29: L3.3: Writing Your Own Functions

[Davies Ch. 9](#) | [Assignment 3.2](#) | [1.2.1–1.2.5](#), [3.5](#)

Mon Nov 1: L3.4: Flow Control – Conditionals

[Davies Ch. 10.1](#) | [Assignment 3.3](#) | [1.2.1](#), [1.2.7](#)

Wed Nov 3: L3.5: Flow Control – Looping

[Davies Ch. 10.2](#), [Code Academy: Loops](#) | [Assignment 3.4](#) | [1.2.1](#), [1.2.6](#), [1.2.8](#)

Fri Nov 5: L3.6: More Practice with Flow Control (no video)

[Davies Ch. 10.3](#) | [none](#) | [1.2.1](#), [1.2.6–1.2.8](#)

Mon Nov 8: L3.7: Debugging and Exception Handling (no video)

[Davies Ch. 12.1, 12.3](#) | [Assignment 3.7](#) | [1.2.4](#), [1.2.5](#), [1.2.11](#), [1.3.9](#), [1.3.10](#), [3.5](#)

Wed Nov 10: L3.8: When, Why, and How to Refactor Code (no video)

[None](#) | [Assignment 3.6](#) | [1.2.9](#), [1.2.10](#), [1.3.3](#), [1.3.7](#)

Fri Nov 12: L3.9: Automation (no video)

[Davies Ch. 11](#) | [Assignment 3.5](#) | [1.2.1–1.2.5](#), [3.5](#)

Mon Nov 15: Refactoring Day! (no video)

[None](#) | [Prepare a short \(5 min\) presentation on how you've improved your project code](#) | [1.3.7](#), [1.3.9](#), [1.3.10](#), [3.5](#)

Wed Nov 17: Skill Check 3 (SK3): Building Better Code (no video)

[\(open\)](#) | [Complete Skill Check](#) | [1.2](#), [1.3.3](#), [1.3.9](#), [3.5](#)

Fri Nov 19: Project 2 (P2): Assessing Project Improvement (no video)

[None](#) | [Complete the Skill Check](#) | [1.3.9](#), [1.3.10](#), [2.2.1](#), [2.2.2](#), [2.2.4](#), [2.3.4](#), [3.5](#)

Mon Nov 22: Thanksgiving (no class)

Wed Nov 24: Thanksgiving (no class)

Fri Nov 26: Thanksgiving (no class)