

Unit 3: Skill Building

Wed Oct 23: 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

Fri Oct 25: L3.2: Writing Your Own Functions

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

Mon Oct 28: L3.3: Flow Control – Conditionals

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

Wed Oct 30: L3.4: Flow Control – Looping

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

Fri Nov 1: L3.5: Flow Control – Practice Problems (no video)

[Davies Ch. 10.3](#) | [Assignment 3.5](#) | 1.2.1, 1.2.6–1.2.8

Mon Nov 4: L3.6: Debugging

[Davies Ch. 10.3](#), [Ch. 12.1](#) | [None](#) | 1.2.1, 1.2.6–1.2.8

Wed Nov 6: L3.7: When, Why, and How to Refactor Code

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

Fri Nov 8: L3.8: Documenting Your Code

[Code Documentation: The Complete Beginner's Guide](#) | [None](#) | 2.2.2, 2.2.4, 3.5

Mon Nov 11: 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 13: Project 2 (P2): Assessing Project Improvement (no video)

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

Fri Nov 15: Skill Check 3 (SK3): Building Better Code (no video)

[None](#) | [None](#) | 1.2, 1.3.3, 1.3.9, 3.5