

Remote Prep Curriculum

This is a tentative schedule for the Remote Prep course. Sections may be added, modified, or skipped at an instructors' discretion as we constantly improve your experience. The course in its current incarnation is five days a week over a four week span.

It should be noted that module and week are not synonymous in this document.

Module 1 – Fundamentals of JavaScript

We start off with the basics. These are the building blocks of every JavaScript application, framework, and library. In fact these are the building blocks of most other programming languages as well (just different syntax).

- Values
- Operators
- Flow Control
- Loops
- Arrays
- Objects
- Functions

Module 2 – Advanced JavaScript

In this module we start seeing our basic building blocks be put to more advanced use. Some of the beauty (and nightmares) of JavaScript start to reveal themselves.

- AJAX & JSON
- Callbacks
- Functional JavaScript

Module 3 – Object Oriented JavaScript

Having used JavaScript in several different ways, you may have noticed similar problems presenting themselves. Problems like these that occur often can usually be solved with a well-known solution or programming pattern. We dig into some examples of that here. We also discuss modeling our code like real world objects for clarity and reuse.

- Object Oriented Design
- Design Patterns

Module 4 – Project Hackathon

This course ends with a group hackathon project to show off your new skills while identifying the areas you could still use some extra study time.