

Portland Code School

Fall 2013 Session

JavaScript and the Front End

Hours: 6pm-9pm, Tue/Thurs + 9am-4pm 1 Saturday per month

General Outline (may change slightly each session):

Week 1: Web Basics -- HTML5 and CSS3

Week 2: Web Basics -- Advanced CSS techniques, Normalize, Clearfix

Week 3: Web Basics -- Bootstrap, Responsive Design

Week 4: JavaScript -- Basic Syntax, Variables + Operators

Week 5: JavaScript -- Loops and Conditionals

Week 6: JavaScript -- Functions and Objects

Week 7: JavaScript -- jQuery and the DOM

Week 8: JavaScript -- Events, Event Handlers

Week 9: JavaScript -- AJAX, Thanksgiving Break

Week 10: JavaScript -- APIs

Week 11: JavaScript -- Writing Tests, Debugging

Week 12: Final Week -- Finish and Present Projects, Final Exam

If you are brand new to coding, or if you have dabbled in code, and you want to do it as a job, this is the course for you! This course is designed to take students from zero experience to being able to build interactive websites from scratch, as well as debugging existing sites. Students will learn the basic languages of HTML, CSS, and JavaScript (including jQuery). The demand for JavaScript is so high right now, it's hard to describe.

Students will be provided reading materials, Treehouse accounts, and will be given access to the classroom from 9am-5pm M-F, as well as some Saturdays, leaving lots of time for independent and group learning. Students will primarily be working and learning in groups of 2-4 people.

The Saturdays that are scheduled learning times (1 Saturday each month) will primarily consist of career development, portfolio building, and project time. There will also be lectures on other related topics -- such as other languages, frameworks, etc. -- to round out the students' curriculum, and broaden their exposure to web development tools.

Integrating oneself into the Portland tech community is possibly the single best decision a new student can make. Forging connections and friendships by attending tech meetups and events is the best way to do this. We cannot force you to do this, but we will try (in a loving way :)