



GENERAL ASSEMBLY

COURSE DESCRIPTION

In this 10-week course, students will be introduced to the basics of front-end web development skills. It is targeted towards individuals with little to no programming background. This lab-intensive course will cover building websites using HTML, CSS, adding interactivity through JavaScript, and computational thinking. Students will build a final project that encompasses all topics during the course. In addition, students will work in a collaborative environment and discuss their code their peers.

GRADING

In order for Students to pass in Front-end Web Development, upon completion of the course, students must:

- Complete and submit 80% of all course assignments (homework, labs, quizzes, project milestones). Students will receive instructor feedback for all assignments. Students who miss more than 20% of assignments will not be eligible to pass the course.
- Complete and submit the course final project, earning a satisfactory grade by completing all functional and technical requirements on the project rubric, including delivering a presentation.

| UNIT 1: THE BASICS | | |
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| Week 1 HTML/CSS BASICS | Lecture 1: HTML BASICS | |
| | Lecture 2: CSS BASICS | |
| Week 2 PAGE LAYOUT | Lecture 3: CONTENT SECTIONS | |
| | Lecture 4: LAYOUT | |
| Week 3 INTRO COMPUTATIONAL THINKING | Lecture 5: LAB | |
| | Lecture 6: PSEUDO CODE | |
| Week 4 JAVASCRIPT BASICS | Lecture 7: JS (Variables, Conditionals) | |
| | Lecture 8: JS (Functions) | |
| Week 5 JAVASCRIPT BASICS | Lecture 9: jQuery | |
| | Lecture 10: jQuery(Arrays, loops) | |



UNIT 2: BUILDING IN CONCERT

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| Week 6 REVIEW & REFACTOR | Lecture 11: LAB | |
| | Lecture 12: REFACTOR | |
| Week 7 MULTIPLE SCREENS | Lecture 13: RESPONSIVE BASICS | |
| | Lecture 14: BUILDING RESPONSIVE | |
| Week 8 FORMS | Lecture 15: FORM BASICS | |
| | Lecture 16: LAB – TO DO LIST | |
| Week 9 INSTRUCTORS CHOICE | Lecture 17: INSTRUCTORS CHOICE | |
| | Lecture 18: INSTRUCTORS CHOICE | |
| Week 10 PROJECT WEEK | Lecture 19: FINAL PROJECT LAB SESSION | |
| | Lecture 20: PRESENTATIONS | |