



# GENERAL ASSEMBLY

## Course Syllabus

Intro to Web Development

Start Date: October 23, 2012

Note: Class is held from **6-9pm on Tuesdays** and from **1-4pm on Saturdays**.

<b>UNIT 1: HTML &amp; CSS</b>		
<b>Week 1</b>	Lecture 1: Overview and HTML	Tuesday, Oct 23
	Lecture 2: More HTML Basics & CSS	Saturday, Oct 27
<b>Week 2</b>	Lecture 3: Advanced CSS	Tuesday, Oct 30
	Lecture 4: Page Layout	Saturday, Nov 3
<b>Week 3</b>	Lecture 5: Page Layout (continued)	Tuesday, Nov 6
	Lecture 6: Navigation & Sprites	Saturday, Nov 10
<b>Week 4</b>	Lecture 7: HTML5 & CSS3	Tuesday, Nov 13
	Lecture 8: Grid Based Design / Typography / Responsive Design	Saturday, Nov 17
<b>UNIT 2: JAVASCRIPT</b>		
<b>Week 5</b>	Lecture 11: Variables and Data Types	Tuesday, Nov 20
	<b>No class: Thanksgiving Holiday</b>	Saturday, Nov 24
	Lecture 12: Conditional Logic	Tuesday, Nov 27
<b>Week 6</b>	Lecture 13: JavaScript Objects	Saturday, Dec 1
	Lecture 14: Functions	Tuesday, Dec 4
<b>Week 7</b>	Lecture 15: Events	Saturday, Dec 8
	Lecture 16: jQuery	Tuesday, Dec 11

<b>Week 8</b>	Lecture 17: AJAX	Saturday, Dec 15
	Lecture 18: External Services	Tuesday, Dec 18
	<b>No class: Holiday Season</b>	12/22, 12/25, 12/29, 1/1
<b>UNIT 3: RUBY</b>		
<b>Week 9</b>	Lecture 19: Introducing the Course	Saturday, Jan 5
	Lecture 20: Introducing Software Programming	Tuesday, Jan 8
<b>Week 10</b>	Lecture 21: Holding and Manipulating Data in Memory	Saturday, Jan 12
	Lecture 22: Making Decisions and Reusing Code	Tuesday, Jan 15
<b>Week 11</b>	Lecture 23: Introducing Object Orientation	Saturday, Jan 19
	Lecture 24: Collaborative Lab and Summary	Tuesday, Jan 22
<b>UNIT 4: RUBY ON RAILS</b>		
<b>Week 12</b>	Lecture 25: Installing and Using Ruby gems and Ruby on Rails	Saturday, Jan 26
	Lecture 26: Introducing Controllers, Layouts, Views, and Styling	Tuesday, Jan 28
<b>Week 13</b>	Lecture 27: Introducing Models, ActiveRecord, and Scaffolding	Saturday, Feb 2
	Lecture 28: Creating Forms for Data Models	Tuesday, Feb 5
<b>Week 14</b>	Lecture 29: Validating Form Input	Saturday, Feb 9
	Lecture 30: Handling File Uploads and Automating Form Building	Tuesday, Feb 12
<b>Week 15</b>	Lecture 31: Creating Multi-Model Associations	Saturday, Feb 16
	Lecture 32: Debugging and Testing in Rails	Tuesday, Feb 19
<b>Week 16</b>	Lecture 33: Authenticating and Managing Users	Saturday, Feb 23
	Lecture 34: Collaborative Lab / Final Review	Tuesday, Feb 26

