

In this 3-day class, students get a rapid hands-on introduction to client-side programming with HTML, CSS, and JavaScript. The course is meant for students who want to need to get a jump start on all three technologies. Students should be prepared to cover a lot in three days and to be ready to spend some time afterward reviewing the content on their own to solidify and build upon the skills taught in class.

Course Objectives:

- Learn the basics of Web development
- Learn the difference between HTML and XHTML
- Learn to create links in HTML documents
- Learn to add images to HTML documents
- Learn to create HTML tables
- See how forms are built in HTML (this will be covered very quickly)
- Learn CSS syntax.
- Learn to use <div> and tags appropriately.
- Learn most of the common properties and their values.
- Learn how JavaScript is used
- Learn to work with JavaScript variables
- Learn to create your own functions in JavaScript

Audience: Students interested in learning basic web development and the HTML language.

Prerequisites: Experience in programming and basic web knowledge is beneficial.

Number of Days: 3 days

<p>1 A Quick Overview of Web Development Client-side Programming Server-side Programming</p>	<p>4 HTML Links Text Links Absolute vs. Relative Paths Targeting New Windows Email Links Adding Links Anchors The title Attribute</p>	<p>Phrase Elements Formatting Elements Documenting Changes</p>
<p>2 Introduction to HTML Getting Started A Simple HTML Document The HTML Skeleton HTML Elements XHTML vs. HTML Special Characters lang and xml:lang</p>	<p>5 A Quick Overview of Web Development Inserting Images Image Links Adding Images to the Page</p>	
<p>3 Paragraphs, Headings and Text Paragraphs Breaks and Horizontal Rules Creating an HTML Page Quoted Text Preformatted Text</p>		

<p>6 HTML Lists Unordered Lists Ordered Lists Definition Lists Creating Lists</p>	<p>Text-align Text-decoration Text-indent Text-transform Vertical-align White-space Text Properties</p>
<p>7 HTML Tables Creating Tables Attributes Merging Cells Creating Tables</p>	<p>12 Colors and Backgrounds About Color Values Color Background-color Background-image Colors and Backgrounds</p>
<p>8 HTML Forms How HTML Forms Work The <form> Tag Form Elements Creating a Registration Form Adding Checkboxes and Radio Buttons Adding a Select Menu and a Textarea</p>	<p>13 JavaScript Basics The Name "JavaScript" The HTML DOM JavaScript Syntax Where Is JavaScript Code Written? JavaScript Objects, Methods and Properties Methods Properties The Implicit window Object The getElementById() Method Event Handlers</p>
<p>9 Crash Course in CSS Benefits of Cascading Style Sheets CSS Rules Selectors Precedence of Selectors The Cascade Creating an Embedded Style Sheet Creating an External Style Sheet Adding Inline Styles Media Types <div> and Divs and Spans Units of Measurement The Inherit Value @import</p>	<p>14 Variables, Arrays and Operators JavaScript Variables Arrays JavaScript Operators</p>
<p>10 CSS Fonts Font - the old way Font-family Font-size Font Family and Font Size Font-style Font-variant Font-weight Font Style, Font Variant and Font Weight</p>	<p>15 JavaScript Functions Built-in Functions Built-in Functions vs. Methods User-defined Functions</p>
<p>11 CSS Text Letter-spacing Word-spacing Line-height</p>	<p>16 Conditionals and Loops Conditionals Loops</p>