

# HTML Advanced

- **Course Length:** 1 Days

## Course Overview

In this instructor-led course, students will be introduced to higher level techniques for building and updating a website using HTML. This course will focus on the advanced aspects of the HTML programming language including lists, tables, layouts, forms, frames, cascading style sheets, and metadata. After taking this course, the student will have a comprehensive understanding of how to best utilize HTML and take full advantage of its capabilities.

## Prerequisites/Audience

This course is designed for students with limited HTML experience who want to learn some of the more advanced HTML elements and techniques. It is suggested that students complete HTML Introduction before taking this course.

## Certification Exam

There is no certification exam associate with this course.

## Course Outline

<b><u>Course Introduction</u></b>	4m
Course Introduction	
<b><u>Chapter 01 - HTML Lists</u></b>	24m
HTML Lists	
Unordered Lists	
Demo - Creating Unordered Lists	
Ordered Lists	
Demo - Creating Ordered Lists	
Definition Lists	
List Tags	
Demo - Creating Lists	
Chapter 01 Review	

## **Chapter 02 - HTML Tables**

42m

HTML Tables  
Headings in a Table  
Empty Cells in a Table  
Demo - Creating a Table  
Table Attributes  
Row (tr) Attributes  
Cell (td and th) Attributes  
Tables and the Border Attribute  
Merging Cells 1  
Colspan  
Merging Cells 2  
Rowspan  
Merging Cells 3  
Basic Notes - Useful Tips  
Demo - Tables with Merged Cells  
Chapter 02 Review

## **Chapter 03 - HTML Forms**

45m

HTML Forms  
What is an HTML Form?  
Forms  
Get versus Post  
Demo - Get versus Post  
Input Fields  
Text Fields  
Action Attribute and the Submit Button  
Demo - Creating a Registration Form  
Checkboxes  
Radio Buttons  
Demo - Adding Checkboxes and Radio Buttons  
Select Menus  
Textarea  
Demo - Adding a Select Menu and a Textarea  
Chapter 03 Review

## **Chapter 04 - HTML Frames**

21m

HTML Frames  
Frames  
The Structure of a Framed Site  
The Frameset Tag  
The Frame Tag  
The Frame Tag (Example)  
Attributes  
Frame Tags  
Demo - Creating a Frameset  
IFrames  
IFrame (Example)

Demo - Creating an IFrame  
Chapter 04 Review

## **Chapter 05 - Styles in HTML**

1h 22m

Styles in HTML  
What is CSS?  
Benefits of CSS  
Style Sheet Types  
Style Sheet Rules  
Embedded Style Sheets  
The style Element  
Demo - Embedded Style Sheet and Rules  
Color Methods  
Inheritance  
Demo - Hexadecimal and RGB Color Values  
CSS Comments  
Demo - Commenting Code  
Text Styles  
CSS Text Properties  
Units of Measurement  
How to Modify Text Styles  
Demo - Text Alignment and Indentation  
Demo - Modifying the Text Spacing  
Demo - Text Casing and Underlining  
Fonts Styles  
How to Modify Font Styles  
Demo - Specifying Fonts and Font Sizes  
Demo - Font Weight and Style  
Demo - Modifying Font Styles  
Linked Style Sheets  
Demo - Creating a Linked Style Sheet  
Chapter 05 Review

## **Chapter 06 - HTML Meta**

16m

HTML Meta  
The Meta Element  
Keywords for Search Engines  
Unknown Meta Attributes  
Refresh Page and Redirect  
Demo - Adding Meta Information  
Chapter 06 Review  
Course Closure

**Total Duration: 3h 55m**