



MTA Introduction to Programming Using HTML and CSS

The Introduction to Programming Using HTML and CSS (98-383) course is an excellent course for those looking to gain employability skills in the area of web development.

ABOUT THIS COURSE

The material covers the objectives on the MTA 98-383 exam, putting a solid entry-level certification well within reach. Specifically, the course has two distinct parts - HTML (Hypertext Markup Language), which includes HTML fundamentals, document structuring, and multimedia presentation, and CSS (Cascading Style Sheets), which includes CSS fundamentals and styling webpages.

COURSE OUTLINE

Session 1

Section A - Introduction: Course Welcome, How to Study for This Exam.

Section B - Markup with Metadata, Script Tag, Noscript Tag, Link Tag, Meta Tags.

Section C - Well-Formed Markup, DOCTYPE Declaration and Html Tag, Head Tag, Body Tag, Closing Tags, Entities, Comments, Session 1 - Domain 1 Exam Tips.

Session 2

Section A - Structure Content Through Markup: Table Tags, Table Attributes, Heading Tags, P Tag, Br Tag, Hr Tag, Div Tag, Span Tag, Ul and Li Tags, Ol and Li Tags.

Section B - Semantic HTML Elements: Header Tag, Nav Tag, Section Tag, Article and Aside Tags, Footer Tag, Details and Summary Tags, Figure Tag, Caption Tag.

Section C - Navigation Elements: Image Links, The A Tag, Targets, Bookmarks, Relative vs. Absolute Links, Folder Hierarchy Navigation.

Section D - Form Elements, Action and Method Attributes: Submission Methods, Accessibility, Input Types and Restrictions, Select Tag, Textarea Tag, Button Tag, Output Tag, Option Tag, Datalist Tag, Fieldset Tag, Session 2 - Domain 3 Test Tips.

Session 3

Section A - Image, SVG, and Canvas Elements: Add Images, Image Layouts, Image Links, Svg Tag, Canvas Tag.

Session 4

Section A - Define Style Sheets: Inline, Internal, and External Styles, Style Sheet Precedence.

Section B - CSS Rule Sets: Valid Syntax, Apply Classes, Apply IDs, Apply Pseudo Classes.

Section C - CSS Best Practices: Reusing Rules and Rule Sets, CSS Comments, Multiple Browser Tests, Web Safe Fonts, Session 4 - Domain 2 Exam Tips.

Session 5

Section A - Position Text with CSS: Height and Width, Max-Width Used with an Element, Float Positioning, Relative Positioning, Absolute Positioning, Overflow Settings, Alignment, Inline vs. Block, Visibility, Box Model Margins, Box Model Padding.

Section B - Format Text with CSS: Font-Family, Color, Font-Style, Font-Weight, Link Colors, Text-Alignment, Text-Decoration, Indentation.

Section C - Backgrounds and Borders: Border-Color, Border-Style, Border-Width, Backgrounds, Divs, Working with Colors.

Section D - Responsive Layouts: Units of Measure, Viewport, Media Query, Percentages and Pixels, Frameworks and Templates, Max-Width Property, Session 5 - Domain 5 Exam Tips.

Section E - Course Conclusion: Final Exam Tips, Final Thoughts.

PRE-REQUISITES

There are no specific pre-requisites required before starting this course.

BENEFITS

- Learn from an expert the MTA 98-383 exam objectives
- Pre/Post test questions and interactive labs
- Access your courseware anytime, anywhere

COURSE DURATION - AROUND 50 HOURS

(Actual course duration will vary from individual to individual, based on prior skills and application).

To find out more about this or any of our courses, speak to one of our course advisors.

The best way to predict the future **is to create it.**

To discuss your current skills and aspirations, or to book your course, call...

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