



## 40375A: HTML5 Application Development Fundamentals

### Course Details

**Course Code:** 40375A

**Duration:** 3 days

#### Notes:

- This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.
- Course content, prices, and availability are subject to change without notice.
- Terms and Conditions apply

*Elements of this syllabus are subject to change.*

#### About this course

This three-day MTA Training course helps you prepare for Microsoft Technology Associate Exam 98-375, and build an understanding of these topics: Manage the Application Life Cycle, Build the User Interface by Using HTML5, Format the User Interface by Using CSS, Code by Using JavaScript. This course leverages the same content as found in the Microsoft Official Academic Course (MOAC) for this exam.

#### Audience Profile

The Microsoft Technology Associate (MTA) is Microsoft's newest suite of technology certification exams that validate fundamental knowledge needed to begin building a career using Microsoft technologies. This program provides an appropriate entry point to a future career in technology and assumes some hands-on experience or training but does not assume on-the-job experience.

#### At Course Completion

After completing this course, students will be able to:

- Manage the Application Life Cycle
- Build the User Interface by Using HTML5
- Format the User Interface by Using CSS
- Code by Using JavaScript

#### Prerequisites

There are no prerequisites for this course.

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**Module 1: Managing the Application Life Cycle**

**Module 2: Building the User Interface by Using HTML5: Text, Graphics, and Media**

**Module 3: Building the User Interface by Using HTML5: Organization, Input, and Validation**

**Module 4: Understanding CSS Essentials: Content Flow, Positioning, and Styling**

**Module 5: Understanding CSS Essentials: Layouts**

**Module 6: Managing Text Flow by Using CSS**

**Module 7: Managing the Graphical Interface by Using CSS**

**Module 8: Understanding JavaScript and Coding Essentials**

**Module 9: Creating Animations, Working with Graphics, and Accessing Data**

**Module 10: JavaScript Coding for the Touch Interface, Device and Operating System Resources, and More**