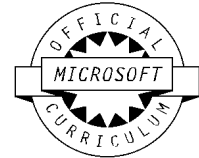


Course Outline

40034-Software Development Fundamentals with HTML5

Duration: 5 days (30 hours)



Target Audience:

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.

Prerequisites:

There are no prerequisites for this course.

Topics Covered:

- Module 1: Introduction to Programming
- Module 2: Introduction to Object-Oriented Programming
- Module 3: Understanding General Software Development
- Module 4: Understanding Web Applications
- Module 5: Understanding Desktop Applications
- Module 6: Understanding Databases
- Module 7: Managing the Application Life Cycle
- Module 8: Building the User Interface by Using HTML5: Text, Graphics, and Media
- Module 9: Building the User Interface by Using HTML5: Organization, Input, and Validation
- Module 10: Understanding CSS Essentials: Content Flow, Positioning, and Styling
- Module 11: Understanding CSS Essentials: Layouts
- Module 12: Managing Text Flow by Using CSS
- Module 13: Managing the Graphical Interface by Using CSS
- Module 14: Understanding JavaScript and Coding Essentials
- Module 15: Creating Animations, Working with Graphics, and Accessing Data
- Module 16: JavaScript Coding for the Touch Interface, Device and Operating System Resources, and More