# Course outline

**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**