MS20486 - Developing ASP.NET MVC 5 Web Applications

Microsoft - Visual Studio - Sviluppo

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**MCSA Web Applications**

Descrizione del corso

In this 5-day course, the professional web developers will learn to develop advanced ASP.NET Core MVC applications using .NET Core tools and technologies. The focus will be on coding activities that enhance the performance and scalability of the Web site application. This course will also prepare the student for exam 70-486.

Programma

1. Exploring ASP.NET MVC 4
    - Overview of Microsoft Web Technologies
    - Overview of ASP.NET 4.5
    - Introduction to ASP.NET MVC 4
2. Designing ASP.NET MVC 4 Web Applications
    - Planning in the Project Design Phase
    - Designing Models, Controllers, and Views
3. Developing ASP.NET MVC 4 Models
    - Creating MVC Models
    - Working with Data
4. Developing ASP.NET MVC 4 Controllers
    - Writing Controllers and Actions
    - Writing Action Filters
5. Developing ASP.NET MVC 4 Views
    - Creating Views with Razor Syntax
    - Using HTML Helpers

- Reusing Code in Views

6. Testing and Debugging ASP.NET MVC 4 Web Applications
    - Unit Testing MVC Components
    - Implementing an Exception Handling Strategy
7. Structuring ASP.NET MVC 4 Web Applications
    - Analyzing Information Architecture
    - Configuring Routes
    - Creating a Navigation Structure
8. Applying Styles to ASP.NET MVC 4 Web Applications
    - Using Template Views
    - Applying CSS to an MVC Application
    - Creating an Adaptive User Interface
9. Building Responsive Pages in ASP.NET MVC 4 Web Applications
    - Using AJAX and Partial Page Updates
    - Implementing a Caching Strategy
10. Using JavaScript and jQuery for Responsive MVC 4 Web Applications
    - Rendering and Running JavaScript Code
    - Using jQuery and jQueryUI
11. Controlling Access to ASP.NET MVC 4 Web Applications
    - Implementing Authentication and Authorization
    - Assigning Roles and Membership