MS20486 - Developing ASP.NET MVC 5 Web Applications

Microsoft - Visual Studio - Programming and Development

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

Course description

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.

Course schedule

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

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com

- 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