

Developing ASP.NET Core MVC Web Applications - MOC On Demand (MS-20486)

Modality: On Demand

Duration: 2 Days

SATV Value: 2

This course is for professionals planning to enroll in the 70-486 Exam leading to the 70-486 Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request.

About this Course:

This course deals with the development of advanced-level MVC Applications on ASP.NET core using the latest technologies and development tools. The teachings of this course emphasize utilizing coding techniques to augment web application scalability and performance.

Course Objective:

The core objective of this course is to help professionals gain conceptual knowledge and a sound understanding of the following key concepts:

- Microsoft Web Technology Stack & Best App Development Technology Selection
- Architecture Design and Web Application Implementation
- Leveraging MVC Application Dependency Injection and Configuring ASP.NET Pipeline
- Adding MVC Application Controllers & Managing Update Models & User Interactions
- Developing Web Applications with Logical Navigation Hierarchy & User-Friendly URLs
- Developing MVC Models and Creating Views for Interacting with Controllers & Models
- Creating Codes Implementing Business Logic and ASP.NET App & Database Connection
- Consistent MVC Application Design and Implementation
- MVC Web Application Optimization with jQuery Script Library
- Configuring Task Runners & Adding Client-Side Packages
- Visual Studio 2017 Debugging Tools & Unit Tests Operation
- Developing MVC Application for Users' Authentication & Authorization
- Accelerating Responses with Cache & Enabling Two-Way Communication with SignalR
- Applications & Uses of Web API and ASP.NET Deployment and Packaging

Audience:

- Professional Web Developers
- Microsoft Studio Visual Professionals
- Students interested in Rendered HTML Management & Advanced App Development
- Candidates striving to Create Websites with Unique Data Access & User Interfaces

Prerequisites:

Professionals planning to enroll in this course must comply with the following set of prerequisites:

- Practical Experience with JavaScript, CSS, HTML, and Visual Studio 2017
- Conceptual Knowledge of JSON and XML Data Structures
- Practical Experience with LINQ, Anonymous Types, & Lambda Expressions
- Familiarity with ADO.NET Data Manipulation & Querying and .NET Framework