Course duration

- 4 days

Course Benefits

- Learn the skills needed to design and build applications that follow the MVC design pattern.

Available Delivery Methods

Public Class
Public expert-led online training from the convenience of your home, office or anywhere with an internet connection. Guaranteed to run .

Private Class
Private classes are delivered for groups at your offices or a location of your choice.

Course Outline

1. Introduction
    1. What is .NET Core?
    2. .NET Core vs .NET Full Framework
    3. Overview of ASP.NET Core
2. .NET Core SDK
    1. Installation
    2. Version Management
    3. Command-Line Interface (CLI)
    4. Hello World Application
3. ASP.NET Core Application Architecture
    1. NuGet Packages and Metapackages
    2. Application Startup
    3. Hosting Environment
    4. Middleware and the Request Processing Pipeline
    5. Services and Dependency Injection
4. Application Configuration
    1. Configure Method
    2. ConfigureServices Method
    3. MVC Components

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this ASP.NET class:

- Experience with the C# programming language and object-oriented programming concepts.
- Some knowledge of HTML, CSS, and JavaScript concepts.