

Asp.Net Core 3

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Course Outline

- **Module 1: Overview**

- Fundamentals Of ASP.NET Core
- .Net Core And .Net Standard; .Net Framework Vs. .Net Core
- Project Layout And Templates
- CLI, Middleware, And Hosting Options & Configuration

- **Module 2: Web API**

- Web API Fundamentals And Restful Services
- Web API Routing
- HTTP Messages And Content Negotiation
- Hosting And Consuming Web API (Usage Patterns)

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- **Module 3: Introduction To Blazor**

- Get Bits Installed And Build Your First Blazor App
- Components
- State Management
- Validation
- Javascript Interop

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- **Module 4: Containers**

- Utilizing Containers As A Portability Environment
- Utilizing Containers As A Development Environment

- **Module 5: Debugging and Diagnostics**

- Diagnostics
- Intellitrace & Remote Debugging
- Logging

- **Module 6: Security**

- Fundamental Security Principles
- Authentication And Authorization Scenarios & Protocols
- Openid Connect And Oauth
- Asp.NET Identity
- Asp.NET Core Security Threats And Defenses

Required Setup:

- Install the following software:
 - Visual Studio 2019 / Visual Studio for Mac
 - Visual Studio Code
 - .NET Core SDK
 - Azure SDK
 - Postman Inspector
 - Telerik Fiddler

