

# ASP.NET Core 5 MVC, Part 1 of 8

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**Meet the expert:** I have a master's of science degree in computer science, and a bachelor of Computer Engineering. I also have many years of experience with .NET, C#, and .NET MVC. I enjoy teaching along with my full-time job.

**Prerequisites:** • 3-6 months of C# experience  
• Basic SQL knowledge  
• Basic HTML and JavaScript knowledge.

**Runtime:** 01:59:59

**Course description:** Microsoft's ASP.NET Core platform is everything you need to build rich, interactive front end web UI and powerful backend services. This course gets you started learning the Fundamentals of Core 5 MVC, creating a project, routing, as well as building your first model all in a project.

## Course outline:

### Fundamentals

- Introduction
- Roadmap
- First Project Part 1
- First Project Part 2
- Tools
- Project Resources
- ASP.NET Core
- Summary

### Create Project

- Introduction
- Create Project
- Project File
- Program Class File
- DI
- Startup Part 1
- Startup Part 2
- Summary

### Routing in MVC

- Introduction
- Routing in MVC
- AppSettings
- wwwRoot and launchsettings
- MVC application
- Views in Default Project
- Summary

### First Model

- Introduction
- Create First Model
- Add Connection String
- Setup Db Context
- Complete DbContext Configuration

- Push Category to Database
- Check Database
- Add Category Controller
- Fix Category Exception
- Summary

### Get All Category

- Introduction
- Get All Category
- Display All Category
- Add Category Part 1
- Add Category Part 2
- Add Category Part 3
- Assignment
- Solution
- Summary