

Programming C# 6: Fundamentals

Course Overview

This course will introduce students to .NET, as well as teach them about their first app, debugging, errors, projects, syntax, variables, and data types.

Chapter 01 - Getting Started with .NET

1h 16m

Topic A: Getting Started with .NET - Part 1

Getting Started with .NET - Part 2

Getting Started with .NET - Part 3

Topic B: .NET Architecture - Part 1

.NET Architecture - Part 2

.NET Architecture - Part 3

Topic C: Building a .NET Application - Part 1

Building a .NET Application - Part 2

Building a .NET Application - Part 3

Topic D: Intermediate Language - Part 1

Intermediate Language - Part 2

Intermediate Language - Part 3

Topic E: C# Language - Part 1

C# Language - Part 2

C# Language - Part 3

Chapter 02 - Your First App

1h 15m

Topic A: Using Visual Studio - Part 1

Using Visual Studio - Part 2

Using Visual Studio - Part 3

Topic B: Building Console App - Part 1

Building Console App - Part 2

Building Console App - Part 3

Topic C: Solution Explorer - Part 1

Solution Explorer - Part 2

Solution Explorer - Part 3

Topic D: Comments and Intellisense - Part 1

Comments and Intellisense - Part 2

Comments and Intellisense - Part 3

Topic E: Building Projects - Part 1

Building Projects - Part 2

Building Projects - Part 3

Chapter 03 - Debugging and Errors

59m

Topic A: Debugging Code - Part 1

Debugging Code - Part 2

Debugging Code - Part 3

Topic B: Breakpoints - Part 1

Breakpoints - Part 2
Breakpoints - Part 3
Topic C: Runtime and Logic Errors - Part 1
Runtime and Logic Errors - Part 2
Runtime and Logic Errors - Part 3

Chapter 04 - Projects and Syntax

1h 37m

Topic A: Anatomy of a C# Program - Part 1
Anatomy of a C# Program - Part 2
Anatomy of a C# Program - Part 3
Topic B: Project Folders and Files - Part 1
Project Folders and Files - Part 2
Project Folders and Files - Part 3
Topic C: Statements and Expressions - Part 1
Statements and Expressions - Part 2
Statements and Expressions - Part 3
Topic D: Language Syntax - Part 1
Language Syntax - Part 2
Language Syntax - Part 3
Topic E: Preprocessing Directives - Part 1
Preprocessing Directives - Part 2
Preprocessing Directives - Part 3

Chapter 05 - Variables and Data Types

51m

Topic A: Variables - Part 1
Variables - Part 2
Variables - Part 3
Topic B: Data Types - Part 1
Data Types - Part 2
Data Types - Part 3

Chapter 06 - A Closer Look at Data Types

56m

Topic A: Floating Point Data - Part 1
Floating Point Data - Part 2
Floating Point Data - Part 3
Topic B: Characters - Part 1
Characters - Part 2
Characters - Part 3
Topic C: Constants and Enums - Part 1
Constants and Enums - Part 2
Constants and Enums - Part 3

Total Duration: 6h 53m