

# C#: Fundamentals Online Training Series!

**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.

## Course Modules:

### Module 01 – Getting Started with .NET

(Duration: 1h 16m)

1. Workbook (Pdf)
2. Topic A: Getting Started with .NET – Part 1
3. Getting Started with .NET – Part 2
4. Getting Started with .NET – Part 3
5. Topic B: .NET Architecture – Part 1
6. .NET Architecture – Part 2
7. .NET Architecture – Part 3
8. Topic C: Building a .NET Application – Part 1
9. Building a .NET Application – Part 2
10. Building a .NET Application – Part 3
11. Topic D: Intermediate Language – Part 1
12. Intermediate Language – Part 2
13. Intermediate Language – Part 3
14. Topic E: C# Language – Part 1
15. C# Language – Part 2
16. C# Language – Part 3

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17. Review Quiz (Number of attempts allowed: Unlimited)

## Module 02 – Your First App

**(Duration: 1h 15m)**

1. Workbook (Pdf)
2. Topic A: Using Visual Studio – Part 1
3. Using Visual Studio – Part 2
4. Using Visual Studio – Part 3
5. Topic B: Building Console App – Part 1
6. Building Console App – Part 2
7. Building Console App – Part 3
8. Topic C: Solution Explorer – Part 1
9. Solution Explorer – Part 2
10. Solution Explorer – Part 3
11. Topic D: Comments and Intellisense – Part 1
12. Comments and Intellisense – Part 2
13. Comments and Intellisense – Part 3
14. Topic E: Building Projects – Part 1
15. Building Projects – Part 2
16. Building Projects – Part 3
17. Review Quiz (Number of attempts allowed: Unlimited)

## Module 03 – Debugging and Errors

**(Duration: 59m)**

1. Workbook (Pdf)
2. Topic A: Debugging Code – Part 1

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3. Debugging Code – Part 2
4. Debugging Code – Part 3
5. Topic B: Breakpoints – Part 1
6. Breakpoints – Part 2
7. Breakpoints – Part 3
8. Topic C: Runtime and Logic Errors – Part 1
9. Runtime and Logic Errors – Part 2
10. Runtime and Logic Errors – Part 3
11. **Review Quiz (Number of attempts allowed: Unlimited)**

## Module 04 – Projects and Syntax

**(Duration: 1h 37m)**

1. Workbook (Pdf)
2. Topic A: Anatomy of a C# Program – Part 1
3. Anatomy of a C# Program – Part 2
4. Anatomy of a C# Program – Part 3
5. Topic B: Project Folders and Files – Part 1
6. Project Folders and Files – Part 2
7. Project Folders and Files – Part 3
8. Topic C: Statements and Expressions – Part 1
9. Statements and Expressions – Part 2
10. Statements and Expressions – Part 3
11. Topic D: Language Syntax – Part 1
12. Language Syntax – Part 2
13. Language Syntax – Part 3
14. Topic E: Preprocessing Directives – Part 1
15. Preprocessing Directives – Part 2
16. Preprocessing Directives – Part 3
17. **Review Quiz (Number of attempts allowed: Unlimited)**

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## Module 05 – Variables and Data Types

**(Duration: 51m)**

1. Workbook (Pdf)
2. Topic A: Variables – Part 1
3. Variables – Part 2
4. Variables – Part 3
5. Topic B: Data Types – Part 1
6. Data Types – Part 2
7. Data Types – Part 3
8. **Review Quiz (Number of attempts allowed: Unlimited)**

## Module 06 – A Closer Look at Data Types

**(Duration: 56m)**

1. Workbook (Pdf)
2. Topic A: Floating Point Data – Part 1
3. Floating Point Data – Part 2
4. Floating Point Data – Part 3
5. Topic B: Characters – Part 1
6. Characters – Part 2
7. Characters – Part 3
8. Topic C: Constants and Enums – Part 1
9. Constants and Enums – Part 2
10. Constants and Enums – Part 3
11. **Review Quiz (Number of attempts allowed: Unlimited)**

**This course includes**

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