# .NET Framework Basics («CSA»)

Gain comprehensive knowledge about C# and the basics of the.NET framework in this seminar.

**Duration:** 3 days
**Price:** 2'400.–
**Course documents:** Digicomp Courseware
**Vendor code:** C#-70

## Content

- Introduction
- Repetition of Essential Language Elements
- Components and Assemblies
- Collections and Generics
- Linq to Objects
- Attributes
- Delegates and Events
- Interoperability with Unmanaged Code
- Memory Cleansing
- Serialisation
- Input and Output
- Programming with XML
- Debugging and Tracing

## Key Learnings

- Knowledge of advanced techniques of the C# programming language
- Know-how of important basic technologies of the .NET Framework
- Design, create and maintain your own programs

## Target audience

Software developers who come from a language such as C++, Delphi, Smalltalk, Java or any other object-oriented language and want to develop optimal prerequisites for programming the .NET platform. This course is also suitable for VB.NET developers.

## Requirements

Good knowledge of a .NET language (C# or VB.NET) analogous to the following course:

- C# Introduction («CSE»)

## Certification

After attending this course and having prepared yourself, you can take the following exam in one of our PearsonVUE test centres (the exam fees of approx. CHF 216 are not included in the price):

# Further courses

- .NET 8 Technologies («CFE»)
- Functional Programming with C# («CFPROG»)
- Data access with .NET 8 («EFCORE»)
- What´s new in .NET 7 & Visual Studio 2022 («CN9»)
- .NET Design Pattern Programming («CPP»)
- Windows Presentation Foundation and XAML («WPF»)
- Basics of web development with ASP.NET Core («CWG»)

# Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-software-engineering/programming/frameworks-libraries/course--net-framework-basics