

.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