

# Windows Presentation Foundation and XAML («WPF»)

In this course you will learn how you efficiently develop applications for the Windows desktop with WPF in combination with .NET 6.

**Duration:** 3 days

**Price:** 2'400.–

**Course documents:** Digicomp courseware

**Vendor code:** C#-70-357

## Content

- Introduction
- The first WPF project
- XAML
- Application types
- Events
- Layout container
- Controls
- Resources in WPF
- Styles and templates
- Data binding
- Graphics (2D and 3D)
- Animations
- Design Patterns (MVVM Pattern) and WPF
- Creating your own controls
- Interoperability
- Multithreading and WPF
- Installation

## Key Learnings

- Creating graphical user interfaces with the components of the Windows Presentation Foundation
- Usage of XAML
- Use of the newly created UIs for Windows applications

## Target audience

Experienced .NET developers and project managers who want to create applications for the latest versions of Windows using the newest technology.

## Requirements

Practical experience in developing with .NET or attendance of the following course:

- [.NET Framework Basics \(«CSA»\)](#)

## Further courses

- [Data access with .NET 8 \(«EFCORE»\)](#)
- [Functional Programming with C# \(«CFPROG»\)](#)
- [.NET Design Pattern Programming \(«CPP»\)](#)

## Any questions?

We are happy to advise you on +41 44 447 21 21 or [info@digicomp.ch](mailto:info@digicomp.ch). You can find detailed information about dates on [www.digicomp.ch/courses-software-engineering/programming/desktop-programming/course-windows-presentation-foundation-and-xaml](https://www.digicomp.ch/courses-software-engineering/programming/desktop-programming/course-windows-presentation-foundation-and-xaml)