



MICROSOFT TRAINING

Microsoft Windows Presentation Foundation Wpf Course 4035

Master Microsoft WPF to build rich, interactive desktop applications. Develop powerful UIs and enhance your C# development skills.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intensive 2-hour Microsoft Windows Presentation Foundation (WPF) Course 4035 provides an essential introduction to building visually rich, robust desktop applications for Windows. Participants will dive into the core technologies of WPF, including XAML for declarative UI design and C# for robust backend logic, leveraging the power of the .NET framework. The course focuses on foundational concepts necessary to develop modern, scalable, and maintainable user interfaces, setting the stage for more advanced application development.

By completing this course, you will gain practical skills to design and implement compelling user experiences that surpass traditional Windows Forms applications. It's an ideal pathway for developers looking to update their skill set, enhance their understanding of client-side application development, and contribute to projects requiring sophisticated desktop UIs. This certification positions you to develop high-performance applications with advanced graphics, media, and data visualization capabilities, making your applications more engaging and user-friendly.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Getting Started with WPF and XAML

- Introduction to Windows Presentation Foundation (WPF)
- WPF Architecture and advantages over WinForms
- Understanding XAML for UI definition
- Creating a new WPF project in Visual Studio
- Basic controls: Button, TextBox, Label

02 Module 2: Layout Management and Control Interaction

- Mastering WPF Layout Panels: Grid, StackPanel, DockPanel, WrapPanel
- Working with Content Controls and Items Controls
- Event Handling in WPF applications
- User input and basic validation

03 Module 3: Introduction to Data Binding and Resources

- Fundamentals of Data Binding: Source, Path, Mode
- Binding to UI elements and simple C# objects
- Understanding Resources: Static and Dynamic
- Introduction to Styles and Control Templates

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **C# Desktop Application Developer**
- > **.NET Client-Side UI Developer**

> Enterprise Application Modernization Specialist

FREQUENTLY ASKED QUESTIONS

Q: What foundational skills should I have before enrolling in the Microsoft WPF Course 4035?

This course is designed for individuals with intermediate C# programming skills and a basic understanding of the .NET framework. Familiarity with object-oriented programming concepts and experience with Visual Studio will be highly beneficial for maximizing your learning in WPF application development.

Q: How does completing this WPF 4035 course help me modernize existing desktop applications developed with older technologies like WinForms?

This course provides a solid foundation in WPF, which is Microsoft's recommended framework for building modern Windows desktop applications. You will learn the core concepts of XAML, data binding, and layout management, enabling you to understand, maintain, and contribute to new WPF projects or gradually migrate legacy WinForms components to a more performant and visually rich WPF environment.

Q: Beyond basic UI, what advanced capabilities of WPF will I be introduced to in this course that are relevant for a .NET developer career?

While a 2-hour intermediate course focuses on fundamentals, you will gain an introduction to key WPF features like declarative UI (XAML), sophisticated layout systems, data binding for efficient data presentation, and the basics of styling. These are critical building blocks for advanced topics such as custom controls, MVVM architecture, animation, and multimedia integration, all of which are highly valued in professional .NET desktop development roles.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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