



MICROSOFT TRAINING

Xamarin Forms Course

Master cross-platform mobile app development with Xamarin Forms. Build native iOS, Android, and UWP apps from a single C# codebase.

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 concise yet powerful 2-hour intermediate Xamarin Forms course is designed for C# developers eager to dive into cross-platform mobile application development. Leveraging Microsoft's robust framework, you will learn to build high-performance, native-looking iOS and Android applications from a single, shared codebase using C# and XAML. The course meticulously covers the foundational concepts required to understand Xamarin Forms' architecture, UI development principles, and data binding mechanisms, setting a strong foundation for more complex mobile projects.

Participants will gain practical skills in setting up their development environment, designing responsive user interfaces with XAML, and efficiently connecting data to their UI elements. By focusing on essential techniques, this course empowers developers to rapidly prototype and build functional mobile apps, significantly reducing development time and effort. It's an ideal pathway for existing .NET developers looking to expand their expertise into the booming mobile market without learning separate native languages.

Upon completion, you will be equipped with the core knowledge to confidently tackle cross-platform mobile development challenges, understand how to reuse code effectively, and build applications that deliver a consistent user experience across different devices. This specialization is invaluable for career growth in an industry constantly demanding versatile mobile development skills.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Kickstarting Your Xamarin.Forms Journey

- Introduction to Xamarin.Forms for Cross-Platform Development
- Overview of the .NET Mobile Ecosystem and C#
- Setting Up a Basic Xamarin.Forms Project in Visual Studio

02 Module 2: Essential UI with XAML

- Understanding XAML for Declarative UI
- Core Layouts: StackLayout and Grid Explained
- Common Controls: Label, Button, Entry, Image

03 Module 3: Data Binding Fundamentals

- Introduction to Data Binding Concepts
- One-Way and Two-Way Binding Examples
- Connecting Data to UI Elements

04 Module 4: Simple Navigation and Data Handling

- Basic Page Navigation (Pushing and Popping Pages)
- Displaying Data with ListView or CollectionView (basic usage)
- Making Your First Network Request (brief overview)

05 Module 5: Project Structure and Next Steps

- Understanding the MVVM Pattern (conceptual overview)

- Brief on Platform-Specific Code and Customization
- Resources for Continued Learning and Advanced Topics

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Xamarin Mobile App Developer**
- > **Cross-Platform Application Engineer**
- > **.NET Full-Stack Developer (with Mobile Specialization)**

FREQUENTLY ASKED QUESTIONS

Q: What prior programming experience is recommended before taking this Xamarin Forms course?

This course is designed for intermediate learners and assumes a solid foundation in C# programming and familiarity with object-oriented programming concepts. While no prior mobile development experience is strictly required, a basic understanding of the .NET framework and experience with Visual Studio will be highly beneficial to fully grasp the concepts covered efficiently within the course's duration.

Q: How will mastering Xamarin Forms in this course enhance my ability to build native-like applications across iOS and Android?

This course will empower you to leverage Xamarin Forms' capabilities to render native UI controls on each platform (iOS, Android) using a single C# codebase. You'll gain an understanding of how XAML facilitates shared UI definitions while learning core principles for achieving an authentic native look and feel. The focus is on practical implementation, enabling you to build applications that not only function across platforms but also provide a user experience that feels truly native on each device.

Q: What kind of practical application development skills will I acquire that are directly applicable to employer needs upon completing this intermediate Xamarin Forms training?

Upon completing this course, you will acquire essential skills highly sought after by employers for cross-platform mobile development. You'll be proficient in setting up Xamarin Forms projects, designing user interfaces with XAML, implementing fundamental data binding, and navigating between application pages. These practical skills lay a strong foundation for building functional mobile prototypes and contribute to efficient code reuse and accelerated development cycles, making you a versatile asset in any development team.

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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