

## Course Details

# Course 10553A:

Fundamentals of XAML and Microsoft Expression Blend

Length: 3 Days

Published: July 18, 2011

Language(s): English

Audience(s): Developers

Level: 200

Technology: Microsoft Expression Blend

Type: Course

Delivery Method: Instructor-led (classroom)

## Prerequisites

In addition to the professional experience, this course requires that student meet the following prerequisites:

- 1-3 months of professional programming experience with Visual Studio 2010.

In addition to the technical knowledge, students who attend this training should have hands-on experience in the following areas:

- Some professional experience in developing either ASP.NET Web applications or Windows Forms desktop applications.

## Course Outline

### Module 1: Binding in XAML

- Introduction to XAML-Based Applications
- Tools for Designing and Developing XAML-Based Applications
- Anatomy of a XAML-Based Application

### Module 2: Creating Vector Graphics with Expression Studio 4

- Creating Vector Graphics with Expression Blend 4
- Creating Vector Graphics with Expression Design 4
- Importing Vector Graphics into Expression Blend 4

### Module 3: Laying out a XAML-Based Application

- Organizing Controls in the User Interface
- Adding and Manipulating Controls

### Module 4: Developing and Debugging XAML-Based Applications

- Developing WPF Applications
- Developing Silverlight Applications
- Hosting Silverlight Applications
- Debugging XAML-Based Applications

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### Module 5: Creating Controls Programmatically and Working with Media Files

- Creating and Using Controls Programmatically
- Working with Media Files

### Module 6: Working with Resources, Styles, Control Templates, and Behaviors

- Working with Resources
- Working with Styles and Control Templates
- Working with Actions, Triggers, and Behaviors

### Module 7: Implementing Transforms, Animations, and Visual States

- Transforms in XAML-Based Applications
- Animations in XAML-Based Applications
- Implementing and Working with Visual States

### Module 8: Binding in XAML

- Property Binding in XAML-Based Applications
- Data Binding in XAML-Based Applications

### Module 9: Prototyping Applications by Using SketchFlow in Expression Blend 4

- Prototyping Applications with SketchFlow
- Packaging and Reviewing Prototypes Developed with SketchFlow