

Windows UI Developer Path



A very good C# course that will leave students with strong C# skills. Covers everything you'll need to know for building any application in Visual Studio 2005/2008 and .Net 1.x/2.x/3.x.

C# (Do 1 of the following)

- 2124 (5 days)
- 4994 (5 days)
- 4995 (5 days)

This course introduces programming in .Net for people new to .Net, Visual Studio, C# and VB.Net. Students will learn a little bit about VB.Net, A little bit about C# and a little bit about the kinds of applications one can build. People attending this course should have some (but not a significant amount of) programming experience. Although originally written for Visual Studio 2005 everything here also applies to Visual Studio 2008.

Similar course to the 4994 but goes into more depth an complexity. Suitable for competent programmers with a good deal of production programming experience in technologies other than .Net. Although originally written for Visual Studio 2005 everything here also applies to Visual Studio 2008.

VB.Net (Do 1 of the following)

- 4994 (5 days)
- 4995 (5 days)

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WPF (Windows Presentation Foundation)

- 6460 (3 days)

A well written course that introduces and covers most of the concepts associated with building WPF applications.

Highly recommended

- 6464 (2 Days)

The 6464 course is a quick 2 day overview of ADO.Net that could be done as an alternative to the 2541 and 2542 but doesn't go into the same level of depth on the sections about datasets and XML/XSLT. It has several topics that were introduced as part of ADO.Net 3.5 including Linq, Linq to SQL and the Entity Framework.

WCF (Windows Communication Foundation) is the new Service Oriented Programming (SOA) model for ASP.Net developers. It provides infrastructure that can improve developers' productivity by up to 20 times! The technology can be used in any kind of .Net application development including Web Development.

Other very useful skills for Windows UI Developers

- 6461 (1 Days)
- 6462 (2 Days)
- 2541 (3 days) → 2542 (2 days)
- 2546 (3 days) → 2547 (2 days)

The 2541 and 2542 course provide the best coverage of ADO.Net. If students plan to use databases or XML in their applications the 2541 course is a must. Although originally written for Visual Studio 2005 everything here also applies to Visual Studio 2008. Visual Studio 2008 introduces very little new technology for ADO.Net. Students doing this course need good VB.Net or C# skills because there are no step-by-step instructions for the labs.

WF (Windows Workflow Foundation) is an infrastructure that can be used in any kind of .Net application development including Web Development. It enables the business logic of applications to be defined using diagrams and predefined components. This in turn makes it quicker to develop and communicate how it works with non-developers.

The 2546 and 2547 courses are for Windows Forms Developers. **We no longer schedule them given the lack of demand.** Although originally written for Visual Studio 2005 everything here also applies to Visual Studio 2008. Visual Studio 2008 introduces very little new technology for Windows Forms. Students doing this course need good VB.Net or C# skills because there are no step-by-step instructions for the labs.