

Professional .NET3.5 5 day course

This five day professional series course has been designed and constructed by leading technical specialists. The course incorporates many hands-on labs to reinforce the concepts introduced and has strong real world application. This interactive 5 day course comprises the most useful and necessary parts of .NET

Outcomes

Participants will gain an understanding of the various components that make up the standard developer toolkit in the world of .NET3.5 including WPF, WCF, ASP.NET and LINQ.

Prerequisites

Participants should have experience with C# and an understanding of the basic .NET structure and flow

Outline

Fundamentals

- Working with Value Types and Reference Types
- Implement Generic Types
- Query Data with LINQ
- Compilation and Deployment
- Memory Management

Windows Programming

- Event Based Programming
- Data Sources
- User Controls, Interop and Vista

WPF

- WPF Layout, Controls and Tools
- WPF Styles, Templates and Animation
- Data Binding in WPF
- Dependency Properties and Routed Events

ASP.NET

- ASP.NET Basics
- Data Binding
- ASP.NET Components and Caching
- HTTP Pipeline
- State Management
- ASP.NET Exception Handling
- AJAX
- ASP.NET Authentication
- ASP.NET Authorisation

WCF

- WCF Basics
- WCF Security
- WCF Extensibility

Workflow

- Workflow Basics
- Extending Workflow

Data Access

- ADO.NET
- LINQ to SQL
- ADO.NET Entity Framework

TFS

- Automated Testing with TFS

Day 1:

Fundamentals
Windows Programming

Day 2:

Windows Programming Revisited
WPF

Day 3:

ASP.NET

Day 4:

ASP.NET Extras
WCF

Day 5:

Workflow
Data Access
TFS

Dates

This course will be held from Monday August 10 – Friday August 14, 2009.

Location

Crimson Innovations
Unit 3
6 Catterthun Street
Winnellie

(see www.crimson.com.au/contact_us.htm for details)

Steven Nagy

Steven is a senior developer specializing in Team Foundation Server and highly skilled in Windows Presentation Foundation. Steven has been engaged in various TFS related engagements with Microsoft and has a keen interest in improving development practices through processes and technology. Steven has played instrumental roles in the development and delivery of professional .NET 3.5 developer training courses.