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## .NET Compact Framework 3.5

### MCPD8-1 MCPD Exam Training day 1 to 5 - Application Development Foundation for .NET 3.5 5 days

Covers MCTS and MCPD exams 70-536 "Microsoft .NET Framework 2.0—Application Development Foundation". Topics: Developing applications that use system types and collections. Implementing service processes, threading, and application domains in a .NET Framework application. Embedding configuration, diagnostic, management, and installation features into a .NET Framework application. Implementing serialization and input/output functionality in a .NET Framework application. Improving the security of the .NET Framework applications by using the .NET Framework 2.0 security features. Implementing interoperability, reflection, and mailing functionality in a .NET Framework application. Implementing globalization, drawing, and text manipulation functionality in a .NET Framework application.

### MCDP8-2 MCPD Exam Training day 6 to 10 - Windows Forms Application Development in .NET 3.5 5 days

Covers all topics for MCTS and MCPD Exams 70-505 TS: Microsoft .NET Framework 3.5, Windows Forms Application Development and 70-561: TS: Microsoft .NET Framework 3.5, ADO.NET Application Development. Topics: Creating a UI for a Windows Forms Application by Using Standard Controls. Integrating Data in a Windows Forms Application. Implementing Printing and Reporting Functionality in a Windows Forms Application. Enhancing Usability. Implementing Asynchronous Programming Techniques to Improve the User Experience. Developing Windows Forms Controls. Configuring and Deploying Applications. Connecting to Data Sources. Selecting and Querying Data. Modifying Data. Synchronizing Data. Working with Disconnected Data. Object Relational Mapping by Using the Entity Framework.

### MCDP8-3 MCPD Exam Training day 11 to 15 - ASP.NET Application Development in .NET 3.5 5 days

Covers MCTS and MCPD Exam 70-562: TS: .NET 3.5, ASP.NET Application Development. Topics: Configuring and Deploying Web Apps. Consuming and Creating Server Controls. Data and Services. Debugging. ASP.NET AJAX and Client-Side Scripting. Targeting Mobile Devices. Programming Web Apps.

## **MCDP8-4 MCPD Exam Training day 16 to 18 - Windows Communication Foundation Application Development 3 days**

Covers MCTS and MCPD Exam 70-503: TS: .NET 3.5, Windows Communication Foundation Application Development. Topics: Creating Services. Exposing and Deploying Services. Instrumenting and Administering Services. Consuming Services. Securing Services. Managing the Service Life Cycle.

## **MCDP8-5 MCPD Exam Training day 19 to 21 - Designing and Developing .NET 3.5 Applications 3 days**

Covers MCPD exams 70-563, 70-564 and 70-565 "Designing and Developing Web-Based/Windows-Based/Enterprise Apps Using .NET 3.5".

## **MCDP8-6 MCTS Exam Training - Windows Presentation Foundation Application Development 5 days**

Covers MCTS and MCPD Exam 70-502: TS: .NET 3.5, Windows Presentation Foundation Application Development. Topics: Creating a WPF Application. Building User Interfaces. Adding and Managing Content. Binding to Data Sources. Customizing Appearance. Configuring and Deploying WPF Applications.

## **MCDP8-7 MCTS Exam Training - Workflow Foundation Application Development 3 days**

Covers MCTS and MCPD Exam 70-504: TS: Microsoft .NET Framework 3.5, Windows Workflow Foundation Application Development. Topics: Creating and Hosting Workflows. Communicating with Workflows. Creating and Configuring Custom Activities. Applying Rules and Conditions. Managing Transactions and Compensations. Creating and Managing Runtime Services.

## **.NET Security**

### **USECU Security Technologies for .NET Developers 5 days**

This five-day instructor-led course teaches developers to develop and deploy secure Microsoft .NET client applications by using Microsoft Visual Studio .NET and the Microsoft .NET Framework. The course provides an overview of security; discusses design issues, including threat modeling techniques and coding techniques that enhance security; and explains why type-safety verification is the cornerstone of Microsoft .NET Framework security. This course provides side-by-side coding examples and activities written in both Microsoft Visual Basic® .NET and Microsoft Visual C#.

## **.NET Compact Framework 3.5**

### **UNETCF Developing Mobile Applications Using the Microsoft .NET Compact Framework 3.5 5 days**

This course is all about developing mobile enterprise applications using the .NET Compact Framework 3.5 and Visual Studio 2008. Topics: Introduction to Mobile Device Application Development, Working with the User Interface, Working with Local Data, Accessing Remote Data, Working and Synchronizing Data with SQL Server Compact Edition, Creating Secure Applications for a Mobile Environment, Creating ASP.NET Mobile Web Applications and Deploying Mobile Applications. Implementing Windows Communication Foundation (WCF) and Language Integrated Query (LINQ).

## **Team System, Architecture and Design**

### **UTEAM Introduction to MS Visual Studio 2008 Team System 2 days**

In this 2-day course you will learn how Microsoft Visual Studio Team System (VSTS) fits into the software development lifecycle from the point of view of the different team roles: project manager, architect, developer and tester. Focus of this course is how to adopt VSTS within your organization. Topics: Overview of Visual Studio 2008 Team System. Team Foundation. Project Management. Using Version Control. Team Build – Daily Integration. The features of VSTS for Team Architects. The features of VSTS for Team Developers. Team System for Database Professionals. The features of VSTS for Team Testers. See page 19.

### **UARCH .NET Patterns and Best Practices Workshop 5 days**

This workshop will guide .NET architects and developers through all the facets of designing, implementing, testing and deploying .NET enterprise applications. Special attention will be given to the patterns that can be used and the best practices as they are documented by Microsoft. Topics: Fundamental Design Patterns in .NET as Singleton, Observer, Factory, Strategy patterns, Iterator pattern, Provider and Broker patterns... The concepts of unit testing and guidelines for writing unit tests. Design Patterns Applied: Patterns & practices Enterprise Library. Developing your own Application Block. See page 19.

