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MCTS: .NET Framework 2.0 Web Applications

with Microsoft Visual Studio 2005

Course Objective:

The Microsoft Certified Technology Specialist credential enables professionals to target specific technologies and distinguish themselves by demonstrating in-depth knowledge and expertise in their subject area technologies.

Developers holding the Microsoft Certified Technology Specialist: .NET Framework 2.0 Web Applications (MCTS: .NET Framework 2.0 Web Applications) certification have demonstrated breadth and depth of skills and knowledge of Web application technology and data access in Web applications.

Technology Specialists typically pursue careers as Web developers, Windows developers, or enterprise software developers. They may also be database developers or systems administrators who do not work daily with the .NET Framework 2.0 but who want to show their technology experience.

Prerequisite:

Working knowledge on programming and IT

Certificate Of Achievement:

Certificate Of Achievement will be awarded to students completing the course.

Training Methodology & Materials:

- Practical hands-on sessions, 75% lab-based and 25% theory-based.
- Well-designed lab sessions to enhance further understanding of the courseware.

Training Duration:

Fulltime: 80 hours / 10 days / 8 hours per day

Time: 9.00am to 5.00pm

Part time: 80 hours / 20 sessions / 3.5 hours a session

Course Training Fees:

\$1800

DETAIL COURSE OUTLINES

Course Code 2541: Core Data Access with Microsoft Visual Studio 2005

This course provides students with the knowledge and skills to develop data-access applications by using the Microsoft .NET Framework and Microsoft Visual Studio 2005. The workshop describes how to access and update data in a database by using ADO.NET. The workshop also describes how to create, read, and write XML data.

- Connecting to Databases and Reading Data
- Querying and Updating Databases by Using Commands
- Performing Transactional Operations
- Performing Disconnected Operations Programmatically
- Performing Disconnected Operations by Using Visual Studio 2005 Wizards
- Performing XML Operations on Disconnected Data
- Reading and Writing XML Data
- Processing XML Data by Using DOM

Course Code 2542: Advanced Data Access with Microsoft Visual Studio 2005

This course provides students with the knowledge and skills needed to use advanced data access features and techniques in the Microsoft .NET Framework and Microsoft Visual Studio 2005. The workshop describes how to access data and how to implement database functionality by using Microsoft ADO.NET 2.0 and Microsoft SQL Server 2005. The workshop also describes how to locate, edit, and transform XML by using XPath and Extensible Style sheet Language for Transformations (XSLT).

- Minimizing and Handling Database Operation Conflicts
- Handling Large Objects
- Enhancing Database Performance
- Creating Managed Code Objects for SQL Server 2005
- Querying XML by Using XPath
- Transforming XML by Using XSLT Style Sheets

Contact us:

6-2277-867

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Course Code 2543: Core Web Application Technologies with Microsoft Visual Studio 2005

This course provides students with the knowledge and skills to develop Microsoft ASP.NET 2.0 Web applications using Microsoft Visual Studio 2005. The workshop focuses on user interfaces, Web site structure and functionality, and implementation details.

- Creating a Web Application
- Programming a Web Application
- Adding and Configuring Server Controls
- Creating a Common Layout by Using Master Pages
- Managing State for a Web Application
- Accessing and Displaying Data
- Controlling Access to a Web Application
- Deploying a Web Application
- Making Web Applications Available to Mobile Devices

Course Code 2544: Advanced Web Application Technologies with Microsoft Visual Studio 2005

This course provides students with the knowledge and skills to develop Microsoft ASP.NET 2.0 Web applications using Microsoft Visual Studio 2005. The workshop focuses on advanced user interfaces, Web site functionality, and implementation details using the advanced features of ASP.NET 2.0 and Visual Studio 2005.

- Building Dynamic Web Applications
- Creating Controls for Web Applications
- Optimizing Web Application Performance
- Implementing Personalization and Themes in Web Applications
- Building Web Part Pages and Web Parts

How to Earn Your MCTS: .NET Framework 2.0 Web Applications

Candidates for this certification must pass two exams;

- Exam 70-536: TS: Microsoft .NET Framework 2.0 - Application Development Foundation
- Exam 70-528: TS: Microsoft .NET Framework 2.0 - Web-Based Client Development

Contact us:

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