MCTS .NET Framework 3.5 ADO.NET Applications Certification e-Camp

Duration: 1 Day       Course Code: E-MCTSADO

Overview:
This e-Camp will prepare qualified Microsoft professionals to earn the Microsoft Certified Technology Specialist (MCTS): .NET Framework 3.5, ADO.NET Applications certification. This intensive prep program will help you get up to speed on technologies needed for creating data-driven applications that access data from various sources, and it will help you prepare for certification. The course features a combination of the theory and practical aspects of technologies as well as test-preparation materials for the Microsoft .NET Framework 3.5, ADO.NET Applications certification exams.

You Will Receive In Your e-Camp:
Official Microsoft e-Learning course content
Two exam vouchers
Test preparation software from Self Test Software
Global Knowledge Online Reference Library

Target Audience:
This course is suitable for experienced developers who create data-driven applications that access data from various sources, such as SQL Server, Oracle, Microsoft Office Access, object data sources, XML, or other flat-file sources and who are seeking certification preparation.

Objectives:
- GDI+
- Code Access Security
- Cryptography
- Interoperability
- Service Applications and E-mail
- Type Metadata
- Multithreading and AppDomains
- System Types
- Collections and Generics
- Configuration and Installation
- Monitoring and Debugging
- File IO
- Globalization
- Delegates and Events
- Data and Database Access Using ADO.NET 3.5 Applications
- Data Retrieval by Using DataSets in ADO.NET 3.5 Applications
- Data Updates in ADO.NET 3.5 Applications
- XML Data Access in ADO.NET 3.5 Applications
- Data Synchronization in ADO.NET 3.5 Applications
- Language Integrated Query
- Data Access Implementation by Using Language Integrated Query to Microsoft SQL Designer
- Implementation of the Entity Framework in ADO.NET 3.5 Applications
- Application Implementation by Using Data Services

Prerequisites:
- Three years of experience developing Web applications, Windows-based applications, or distributed applications by using Microsoft .NET Framework 1.1 or 2.0
- Knowledge of programming in C# or Microsoft Visual Basic .NET (VB.NET)
- At least one year of experience using Microsoft SQL Server and other relational database management systems such as Oracle,

Testing and Certification:
- You Will Prepare For These Exams:
  70-536: TS: Microsoft .NET Framework - Application Development Foundation
  70-561: TS: Microsoft .NET Framework 3.5, ADO.NET Application Development
- Pass The Exams To Earn This Certification:
  MCTS: .NET Framework 3.5, ADO.NET Applications
<table>
<thead>
<tr>
<th>Content:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exam 70-536: TS: Microsoft .NET Framework - Application Development Foundation:</strong></td>
<td><strong>Exam 70-561: TS: Microsoft .NET Framework 3.5, ADO.NET Application Development:</strong></td>
</tr>
<tr>
<td>Implementing System Types and Interfaces in the Microsoft .NET Framework 2.0</td>
<td>Accessing Databases by Using Microsoft ADO.NET 3.5 Applications</td>
</tr>
<tr>
<td>Implementing Collections and Generics in the Microsoft .NET Framework 2.0</td>
<td>Working with Data by Using Microsoft ADO.NET 3.5 Applications</td>
</tr>
<tr>
<td>Configuring and Installing Assemblies in the Microsoft .NET Framework 2.0</td>
<td>Retrieving Data by Using Datasets in Microsoft ADO.NET 3.5 Applications</td>
</tr>
<tr>
<td>Monitoring and Debugging Applications in the Microsoft .NET Framework 2.0</td>
<td>Updating Data in Microsoft ADO.NET 3.5 Applications</td>
</tr>
<tr>
<td>Reading and Writing Files in the Microsoft .NET Framework 2.0</td>
<td>Working with XML Data in Microsoft ADO.NET 3.5 Applications</td>
</tr>
<tr>
<td>Creating Globalized Applications in the Microsoft .NET Framework 2.0</td>
<td>Synchronizing Data in Microsoft ADO.NET Applications</td>
</tr>
<tr>
<td>Implementing Delegates and Events in the Microsoft .NET Framework 2.0</td>
<td>Getting Started with Language Integrated Query in Microsoft Visual Studio 2008</td>
</tr>
<tr>
<td>Serializing Data in the Microsoft .NET Framework 2.0</td>
<td>Implementing Data Access Using Language Integrated Query to SQL</td>
</tr>
<tr>
<td>Working with GDI+ in Windows-Based Applications in the Microsoft .NET Framework 2.0</td>
<td>Implementing the Entity Framework in Microsoft ADO.NET 3.5 Applications</td>
</tr>
<tr>
<td>Implementing Code Access Security in the Microsoft .NET Framework 2.0</td>
<td>Implementing Applications by Using Data Services in Microsoft ADO.NET 3.5 Applications</td>
</tr>
<tr>
<td>Implementing Cryptography in the Microsoft .NET Framework 2.0</td>
<td></td>
</tr>
<tr>
<td>Interoperating Between COM Components and Assemblies in the Microsoft .NET Framework 2.0</td>
<td></td>
</tr>
<tr>
<td>Working with Service Applications and E-mail Messages in the Microsoft .NET Framework 2.0</td>
<td></td>
</tr>
<tr>
<td>Working with Type Metadata in the Microsoft .NET Framework 2.0</td>
<td></td>
</tr>
<tr>
<td>Creating Multithreaded Applications and Application Domains in the Microsoft .NET Framework 2.0</td>
<td></td>
</tr>
</tbody>
</table>

**Further Information:**

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.co.uk

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK