



MCS D Solutions Developer

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MICROSOFT CERTIFIED SOLUTIONS DEVELOPER (MCS D) WINDOWS STORE APPLICATIONS

PAPER PARTICULARS	PAPER CODE
Programming in C#	483
Essentials of Developing Windows Store Apps Using C#	484
Advanced Windows Store App Development Using C#	485

WEB APPLICATIONS

Programming in HTML5 with JavaScript and CSS3	480
Developing ASP.NET MVC 4 Web Applications	486
Developing Windows Azure and Web Services	487

.Net Framework 4.5

Microsoft Gold Certified Partners Benefits

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About Us

Mazenet is widely recognized as a provider of state of art, IT training services to business enterprises, institutions and individuals. Mazenet has immensely contributed to the success of its customers, through high value skill development in the ever changing technology domain.

Microsoft Certified Partner for Learning Solution (CPLS)

Microsoft Certified Partners for learning solutions are the only training companies that meet the Microsoft international standards of excellence. Only a learning solutions partner will deliver all of the following.

KEY TOPICS

Duration : 165Hrs.

New Features in NET 4.5

- ◆ Learn about Windows Store Apps
- ◆ Create Metro Style Applications
- ◆ Learn how to use Portable Class Libraries
- ◆ Managed Extensibility Framework (MEF)
- ◆ Working with Asynchronous Operations
- ◆ Working with Parallel Computing

C# Features

- ◆ Working with Delegates and Events
- ◆ Creating Collections and Generics
- ◆ Learn about Language Integrated Query (LINQ)
- ◆ Create Private and Shared Assemblies
- ◆ Explore Dynamic Types and DLR
- ◆ Creating Processes and AppDomains
- ◆ Threading and Multi Threaded Application
- ◆ Create and Implement Object Serialization

Windows Programming in VB.Net

- ◆ Introduction to VB.Net
- ◆ Windows Programming in 2012
- ◆ Properties and Form and Windows Controls
- ◆ Configuration Standard Controls
- ◆ Dialog Controls
- ◆ Creating Data Store Applications

- ◆ Exception Handling
- ◆ User Controls & Windows Controls Library
Crystal Report
- ◆ Deployment

Working with XML

- ◆ Understanding Streamed XML
- ◆ Understanding DOM in .NET 4.5
- ◆ Framework 4.5

Working with ADO.NET and Data Binding

- ◆ Introduction to ADO.NET 4.5
- ◆ Components of ADO.NET
- ◆ Basic Operation ADO.NET
- ◆ Data Binding in a Windows Forms
- ◆ Data Binding in Windows Presentation Foundation

Programming with Windows Presentation Foundations (WPF)

- ◆ Architecture of WPF 4.5
- ◆ Type of WPF Applications
- ◆ XAML and WPF
- ◆ Common Controls in WPF 4.5
- ◆ Resources and Styles

Language Integrated Query

- ◆ Working with LINQ to DataSet.
- ◆ Working with LINQ to SQL
- ◆ Working with LINQ to XML

Authentication and Authorization

- ◆ Explain about Authentication and Authorization
- ◆ Describe Anonymous Authentication
- ◆ Understand Windows Authentication
- ◆ Learn how to use Forms Authentication

ASP.NET AJAX and JQuery

- ◆ Working with Ajax Controls
- ◆ Explore Ajax Control Tool Kit
- ◆ Understand Ajax Web Form
- ◆ Extenders
- ◆ Introduction to JQuery
- ◆ Implement JQuery in Web Application

Active Server Page .NET 4.5

- ◆ ASP.NET and Web Forms
- ◆ New Features of ASP.NET 4.5
- ◆ Code Sharing in ASP.NET 4.5
- ◆ State of an ASP.NET Application
- ◆ Web Forms Life Cycle in ASP.NET 4.5

Windows Workflow Foundation (WF 4.5)

- ◆ Introduction Workflow Design Principles in 4.5
- ◆ Exploring Components of WF
- ◆ Developing Workflow Application
- ◆ Enhancing Flowchart and State Machine Designers
- ◆ Auto-Surrounding with Sequence
- ◆ Workflow Service Host
- ◆ Creating Using Custom Actives

Using Entity Framework

- ◆ Generating and Querying an Entity Data Model (EDM).
- ◆ Querying data using object Services
- ◆ Customizing the Entity Data Model

Silverlight Application

- ◆ Silverlight Design fundamentals
- ◆ Programming Silverlight applications
- ◆ Manipulating XAML Elements Programmatically
- ◆ Implement Event handling

WCF, WEBSERVICES

- ◆ Web Services Essentials
- ◆ WCF Essentials
- ◆ Address, Binding and Contract
- ◆ WCF Services and Clients
- ◆ WCF Service Libraries
- ◆ WCF Test Host and Test Client

Cloud Computing

- ◆ Intro Cloud computing
- ◆ Access and use the Windows Azure Developer Portal
- ◆ Create Cloud Computing Application
- ◆ Test a cloud application in Visual Studio
- ◆ Publish a cloud application in Live Microsoft Datacenter

MVC 4.0

- ◆ Creating MVC Models
- ◆ Creating a Data Repository
- ◆ Implementing MVC Controllers
- ◆ Implementing MVC Views-
- ◆ Windows Phone Mobile Application
- ◆ Creating Mobile Web Forms
- ◆ Viewing and Testing Mobile Web Applications
- ◆ Using Mobile Controls

Deployment

- ◆ Managing Web Server (IIS)
- ◆ IIS Express
- ◆ Deploy ASP.NET Web Application
- ◆ Copy and Publish Website
- ◆ ASP.NET Web Hosting