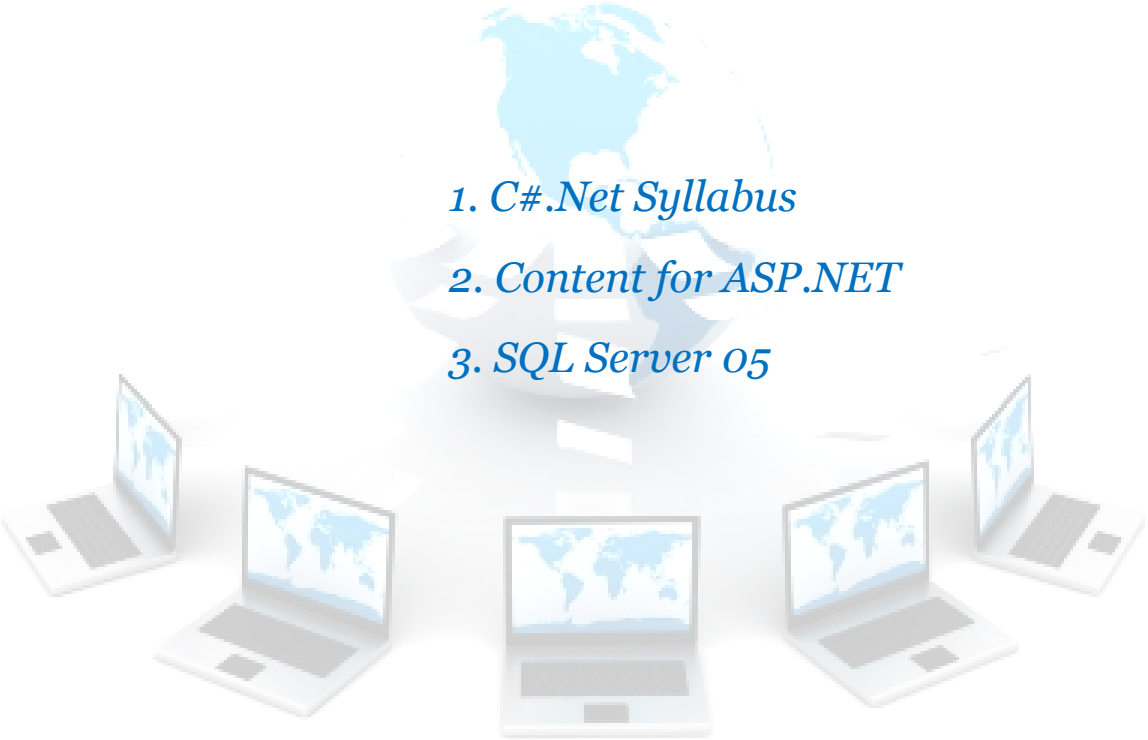




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.Net Training Course Contents

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- 1. C#.Net Syllabus*
 - 2. Content for ASP.NET*
 - 3. SQL Server 05*



C#.Net Syllabus:

Chapter 1 Introducing the .NET framework, OOP's Concept

Chapter 2 Getting Started

- A First C# Program: 'Hello World'

Chapter 3 Flow Control (1): Loop Statements

- if statement
- switch statement
- break statement
- continue statement
- while loops
- do-while loops
- for loops
- foreach loops

Chapter 4 Introducing of Classes and Objects

- Introducing Classes
- Introducing Objects, How Objects are Created
- Methods
- Constructors
- Garbage Collection and Destructors
- This keyword

Chapter 5

Arrays

- Single-Dimensional Arrays
- Rectangular Arrays
- Jagged Arrays

Chapter 6 Enumerations

Chapter 7 Operators

- Overloading operators



Chapter 8 Introducing Structs and Namespaces

- Inheritance
- Abstract Classes and Interfaces
- Nested Classes
- Structs
- Namespaces

Chapter 9 Class Declaration

- Attributes
- Class Modifiers
- Class Base
- Interface Declarations

Chapter 10 Introducing Methods

- Attributes
- Method Modifiers
- Formal Parameters
- Parameter Passing
- The params modifier
- Return Type
- Method Overloading

Chapter 11 Polymorphism (Inherited Methods)

- Method Overriding
- Method Hiding

Chapter 12 Properties and Indexers

- Properties
- Indexers

Chapter 13 Delegates and Events

- Delegate Declaration and Instantiation
- Events

Chapter 14 Collections

Chapter 15 Generics

Chapter 16 Assemblies

- Private Assembly
- Shared Assembly



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| | |
|-----------------------|----------------------------------|
| Chapter 17 | Data Access using ADO.Net |
| Chapter 18 | Multithreading |
| Chapter 19 | File Systems and Streams |
| Chapter 20 | Exceptions |





Content For ASP.NET

Chapter 1. Overview of the ASP.NET Framework

- ✓ **ASP.NET and the .NET Framework**
- ✓ **Understanding ASP.NET Controls**
- ✓ **Understanding ASP.NET Pages**

Chapter 2. Using the Standard Controls

- ✓ **Displaying Information**
- ✓ **Accepting User Input**
- ✓ Submitting Form Data
- ✓ Displaying Images
- ✓ Using the Panel Control
- ✓ Using the HyperLink Control

Chapter 3. Using the Validation Controls

- ✓ Overview of the Validation Controls
- ✓ Using the RequiredFieldValidator Control
- ✓ Using the RangeValidator Control
- ✓ Using the CompareValidator Control
- ✓ Using the RegularExpressionValidator Control
- ✓ Using the CustomValidator Control
- ✓ Using the ValidationSummary Control
- ✓ Creating Custom Validation Controls

Chapter 4. Using the Rich Controls

- ✓ Accepting File Uploads
- ✓ Displaying a Calendar
- ✓ Displaying Advertisements
- ✓ Displaying Different Page Views
- ✓ Displaying a Wizard



Part II: Designing ASP.NET Websites

Chapter 5. Designing Websites with Master Pages

- ✓ Creating Master Pages
- ✓ Modifying Master Page Content
- ✓ Loading Master Pages Dynamically

Chapter 6. Designing Websites with Themes

- ✓ Creating Themes
- ✓ Adding Skins to Themes
- ✓ Adding Cascading Style Sheets to Themes
- ✓ Creating Global Themes
- ✓ Applying Themes Dynamically

Chapter 7. Creating Custom Controls with User Controls

- ✓ Creating User Controls
- ✓ AJAX and User Controls
- ✓ Dynamically Loading User Controls

Part III: Performing Data Access

Chapter 8. Overview of Data Access

- ✓ Using DataBound Controls
- ✓ Using DataSource Controls
- ✓ Using Programmatic DataBinding
- ✓ Understanding Templates and DataBinding Expressions
- ✓ Overview of SQL Server 2005 Express
- ✓ Sample Database-Driven Web Application

Chapter 9. Using the SqlDataSource Control

- ✓ Creating Database Connections
- ✓ Executing Database Commands
- ✓ Using ASP.NET Parameters with the SqlDataSource Control
- ✓ Programmatically Executing SqlDataSource Commands
- ✓ Caching Database Data with the SqlDataSource Control

Chapter 10. Using List Controls



- ✓ Overview of the List Controls
- ✓ Working with the DropDownList Control
- ✓ Working with the RadioButtonList Control
- ✓ Working with the ListBox Control
- ✓ Working with the CheckBoxList Control
- ✓ Working with the BulletedList Control
- ✓ Creating a Custom List Control

Chapter 11. Using the GridView Control

- ✓ GridView Control Fundamentals
- ✓ Using Fields with the GridView Control
- ✓ Working with GridView Control Events
- ✓ Extending the GridView Control

Chapter 12. Using the DetailsView and FormView Controls

- ✓ Using the DetailsView Control
- ✓ Using the FormView Control

Chapter 13. Using the Repeater and DataList Controls

- ✓ Using the Repeater Control
- ✓ Using the DataList Control

Part IV: Building Components

Chapter 14. Building Components

- ✓ Building Basic Components
- ✓ Building Component Libraries
- ✓ Architectural Considerations



Chapter 15. Using the ObjectDataSource Control

- ✓ Representing Objects with the ObjectDataSource Control
- ✓ Using Parameters with the ObjectDataSource Control
- ✓ Paging, Sorting, and Filtering Data with the ObjectDataSource Control
- ✓ Handling ObjectDataSource Control Events
- ✓ Concurrency and the ObjectDataSource Control
- ✓ Extending the ObjectDataSource Control

Chapter 16. Building Data Access Components

- ✓ Connected Data Access
- ✓ Disconnected Data Access
- ✓ Executing Asynchronous Database Commands
- ✓ Building Database Objects with the .NET Framework

Chapter 17. Using the Navigation Controls

- ✓ Understanding Site Maps
- ✓ Using the SiteMapPath Control
- ✓ Using the Menu Control
- ✓ Using the TreeView Control
- ✓ Building a SQL Hierarchical Data Source Control

Chapter 18. Using Site Maps

- ✓ Using the SiteMapDataSource Control
- ✓ Using the SiteMap Class
- ✓ Advanced Site Map Configuration
- ✓ Creating Custom Site Map Providers
- ✓ Generating a Google SiteMap File

Chapter 19. Using the Login Controls

- ✓ Overview of the Login Controls
- ✓ Using the Login Control
- ✓ Using the CreateUserWizard Control
- ✓ Using the LoginStatus Control
- ✓ Using the LoginName Control
- ✓ Using the ChangePassword Control
- ✓ Using the PasswordRecovery Control
- ✓ Using the LoginView Control



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SQL Server 05

SQL HOME, SQL Intro, SQL Syntax, SQL Select, SQL Distinct, SQL And & Or, SQL Order By, SQL Insert, SQL Update, SQL Delete.
Store Procedures, Inner Joins, outer Joines.

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