

Diplomado Web Programming with Visual Basic, Visual Studio 2008, ASP.NET 3.5 & Ajax

Nuestro *Diplomado Web Programming with Visual Basic, Visual Studio 2008, ASP.NET 3.5 & Ajax* representa aproximadamente 100 horas de entrenamiento en .NET y lo recomendamos si estás pensando en participar en algún proyecto Web que incluya varias de las tecnologías .NET. Cubre temas de la tecnología .NET de Microsoft como Visual Studio 2008, VISUAL BASIC, Programación Orientada a Objetos, el .NET Framework, ADO.NET, ASP.NET 3.5 y AJAX. Este Diplomado incluye los cursos de VISUAL BASIC, ASP.NET y AJAX. Al terminar podrás programar una aplicación en capas para Web en un ambiente distribuido utilizando Visual Basic y Visual Studio 2008, que introduce importantes nuevas características como local type inference, extension methods, lambda expressions y Language-Integrated Query (LINQ). Aprenderás sobre las nuevas características de ASP.NET 3.5, como son el soporte para LINQ (Language Integrated Query), herramientas CSS, páginas maestras anidadas y más.

Temas Cubiertos en los Diferentes Módulos:

1. Introducción al desarrollo de aplicaciones de múltiples capas con tecnología .NET.
2. El lenguaje de programación con Visual Basic (anteriormente VB.NET)
3. Construcción de clases y componentes con Visual Basic
4. Acceso a bases de datos con ADO.NET.
5. Creación de clientes Web con ASP.NET 3.5
6. AJAX

Metodología:

Este diplomado es 70% práctico y 30% teórico. El alumno aprenderá a desarrollar aplicaciones de múltiples capas para Web utilizando VISUAL BASIC con Visual Studio 2008, SQL Server y ASP.NET 3.5. Se pretende que el alumno conozca el lenguaje, la estructura de VISUAL BASIC, su ambiente de desarrollo y sepa cómo utilizarlo para crear código orientado a objetos y clases para desarrollar aplicaciones en capas .NET que manipulen una Base de Datos SQL Server, encapsulen la lógica de negocios y se presenten en un ambiente Web. Las primeras 40 horas el alumno aprende VB con ejercicios y teoría, las siguientes 40 horas aprende ASP.NET y las horas finales la tecnología detrás de AJAX para el enriquecimiento de tus aplicaciones.

Dirigido a: Programadores que necesitan aprender Visual Basic para diseñar y desarrollar aplicaciones Web usando tecnología .NET.

Prerrequisitos: Conocimientos en algún otro lenguaje de programación como C, C++, Java, Visual Basic 6, etc. Para la parte de desarrollo Web con ASP.NET se requiere que el alumno conozca HTML y es deseable experiencia previa con ASP pero no es esencial. Para la parte de ADO.NET se requiere de conocimientos básicos de SQL.

Módulo I. - Object-Oriented Programming in Visual Basic (Visual Studio 2008)

Descripción: Este curso es una introducción práctica a la programación en Visual Basic y al uso de los servicios proporcionados por .NET. Hace énfasis en el lenguaje Visual Basic y en cómo construir aplicaciones Visual Basic desde la perspectiva de la Programación Orientada a Objetos.

Audiencia: Programadores que necesitan diseñar y desarrollar Visual Basic para la plataforma .NET.

Prerrequisitos: Haber programado en cualquier lenguaje de programación. Experiencia previa en Visual Basic no es esencial.

Contenido

1.- .NET: WHAT YOU NEED TO KNOW

- .NET: What Is Really Happening
- .NET Programming in a Nutshell
- Viewing the Assembly
- Viewing Intermediate Language
- Understanding .NET
- Creating a Console Application
- Visual Studio Solutions
- Starter Code
- Using the Visual Studio Text Editor
- IntelliSense
- Build and Run the Project
- Pausing the Output
- Visual Basic and GUI Programs
- .NET Documentation

2.- FUNDAMENTALS OF VISUAL BASIC PROGRAMMING

- Visual Basic
- Hello, World
- Compiling, Running (Command Line)
- Program Structure
- Namespaces
- Project Imports
- Startup Object
- Naming Standards
- Keywords
- Multiple-File Program Structure
- Using Procedures
- Data Types
- IEEE 754 Floating Point Standard
- Data Type Ranges
- Literals
- Variables
- Initialization of Variables
- Type Checking
- Constants
- Data Conversions
- Operators and Expressions
- Arithmetic Operators
- String Operators
- Relational Operators
- Logical Operators
- Bitwise Operators
- Assignment Operators
- Operator Precedence
- Console I/O
- Console Input
- Console Output
- Placeholders

3.- CONTROL STRUCTURES

- Control Structures
- If/Then Statement
- If/Then/Else Statement
- Select Case Statement
- Looping
- Do/Loop Statement
- Exiting Do Loops Prematurely
- While Statement
- For/Next Statement
- Continue Statement

4.- PROCEDURES

- Modules
- Subroutines
- ByVal Parameters
- ByRef Parameters
- Functions
- Access, Modules, and Scope
- Scope
- Static Variables
- Overloading
- Optional Parameters
- Variable Length Parameter Lists

5.- ADVANCED DATA TYPES

- Arrays
- Initializing Arrays
- Using UBound
- Multi-Dimensional Arrays
- Arrays are a Reference Type
- Reference Assignment Issues
- Jagged Arrays
- Dynamic Arrays
- Releasing Memory for the Array
- System.Array
- System.Array Functions
- Enumerations
- System.Enum
- System.Enum Functions
- Structures
- With Statement
- Structure Assignment
- Pass-by-Value versus Pass-by-Reference
- Value Types vs. Reference Types
- Using ByVal with Value Types
- Using ByRef with Value Types
- Using ByVal with Reference Types

6.- EXCEPTION HANDLING

- Handling Errors
- Visual Basic Exception Handling
- System.Exception
- Exception Flow of Control
- Handling Multiple Exceptions
- Throwing Exceptions
- Types of Exceptions
- Context and Stack Unwinding
- Exception Handling Strategies
- Fahrenheit/Celsius Version 1
- Fahrenheit/Celsius Version 2
- Fahrenheit/Celsius Version 3
- Fahrenheit/Celsius Version 4
- Inner Exceptions
- Custom Exceptions

7.- OBJECT-ORIENTED PROGRAMMING

- Object-Oriented Programming
- Objects in Software
- Abstraction and Encapsulation
- Classes
- Defining a Class in Visual Basic
- Defining Data Members
- Defining Methods
- Creating Objects
- Using Objects
- Assigning Object References
- Garbage Collection
- Me
- Properties
- Defining Properties
- ReadOnly Properties
- WriteOnly Properties
- Shared Attributes
- Shared Methods and Properties
- Constructors and Initialization
- Defining Constructors
- Default Constructor
- Shared Constructor
- ReadOnly Members
- Constant Members
- Events
- Defining Events
- Restrictions on Event Procedures
- Raising Events
- Trapping Events Using WithEvents
- Trapping Events Dynamically
- ToString in User-Defined Classes
- Operator Overloading

8.- INHERITANCE

- Inheritance
- Inheritance Hierarchy
- Defining a Derived Class
- .NET's Object Class
- Controlling Base Class Construction
- Derived Class Construction
- Derived Class Constructors
- Need For Protected Access Modifier
- Access Control
- Using Protected Access
- Exceptions
- Defining Custom Exceptions
- Using Custom Exceptions
- Shadowing Base Class Methods
- Polymorphism
- Defining a Method as Overridable
- Overriding a Method
- Using Heterogeneous Collections with Polymorphic Methods
- Abstract Classes
- Not Inheritable Classes
- Type Conversions in Inheritance
- CType

9.- INTERFACES AND COLLECTIONS

- Components and OO in Visual Basic
- Interfaces
- Interfaces in Visual Basic
- Implementing an Interface
- Using an Interface
- Multiple Interfaces
- Using Multiple Interfaces
- TypeOf ... Is and Dynamic Interfaces
- Interfaces in Visual Basic and COM
- Resolving Ambiguity in Interfaces
- .NET Interfaces
- Arrays of User-Defined Objects
- Implementing IComparable
- Collections
- ArrayList
- ArrayList Methods
- IEnumerable and IEnumerator
- Using Enumerators.
- Collections of User-Defined Objects
- Account Class
- Collection Interfaces
- ICollection
- IList
- Default Properties
- Using the Item Property
- Writing Generic Code
- Using a Class of Object
- Generic Types
- Generic Client Code
- System.Collections.Generic

10.- INTRODUCTION TO WINDOWS FORMS

- Windows Forms
- Creating a Windows Forms App
- Aligning Controls
- Setting the Tab Order
- Partial Classes
- Windows Forms Event Handling
- Add Events for a Control
- Events using the Wizard Bar
- Events Documentation
- Closing a Form
- ListBox Control
- Command Line Arguments

11.- WINDOWS FORMS CONTROLS

- Common Properties
- Common Events
- Event Handling
- Using a Label
- Using Mnemonics
- Using a Text Box
- Using a Button
- Using a Radio Button and Group Box
- Using a Check Box
- Using the ToolTip Control
- Using a ListBox Control
- Adding ListBox Items
- Removing ListBox Items
- Selecting an Item in a List Box
- Using a ComboBox Control
- Flexible Events Handlers
- Timer Control

13.- DATABASE PROGRAMMING

12.- USER INTERFACE FEATURES

- Dialog Boxes
- MessageBox
- Custom Dialogs
- Adding a Custom Dialog
- Using DialogResult
- Displaying a Dialog
- Tab Order and Focus
- Initializing a Custom Dialog
- Changing the Behavior of a Button's DialogResult
- Modeless Dialogs
- Managing the Relationship between Forms
- Programming the Apply and Close Buttons
- Enabling / Disabling the Apply Button
- Common Dialogs
- Using a Common Dialog Control
- Menus
- MenuStrip Control
- Calculator Starter Code
- Attaching a Menu to a Form
- Configuring Items in a Menu
- Testing the Menu
- Responding to Menu Events
- Changing Menu Item Appearance
- Modified SetOperation()
- ContextMenuStrip Control
- Context Menu Events
- Handling Multiple Events

- ADO.NET
- ADO.NET Architecture
- .NET Data Providers
- Programming with ADO.NET Interfaces
- .NET Namespaces
- Connected Data Access
- ADO.NET Class Libraries
- Connecting to an OLE DB Data Provider
- Using Commands
- Creating a Command Object
- ExecuteNonQuery
- Using a Data Reader
- Disconnected Datasets
- Data Adapters
- Data Bound Controls
- DataGridView Control
- Performing a Query

14.- NEW FEATURES IN VISUAL BASIC 2008

- Local Type Inference
- Object Initializers
- Array Initializers
- Anonymous Types
- Partial Methods
- Partial Method Definition
- Partial Method Implementation
- Main Program
- Extension Methods
- Lambda Expressions
- Named Method
- Language-Integrated Query (LINQ)
- Using IEnumerable<T>

Módulo II.- Microsoft ASP.NET Using Visual Basic 2008

Descripción: En este módulo aprenderás a usar Visual Studio 2008 y Visual Basic 2008 para construir páginas Web ASP.NET 3.5. Entenderás la arquitectura detrás de ASP.NET y cómo utilizar varios controles de ASP.NET. También a crear sitios Web consistentes usando Master Pages, agregar características de membresía, configurar y producir aplicaciones ASP.NET para autenticar usuarios y limitar su acceso a los recursos, manejar el estado, dirigir a los usuarios usando las herramientas Navigation, depurar código .NET y JavaScript, y a desplegar y editar datos usando ASP.NET y ADO.NET. Además, aprenderás sobre las nuevas características de ASP.NET 3.5, como son el soporte para LINQ (Language Integrated Query), herramientas CSS, páginas maestras anidadas y más.

Audiencia: Programadores que desean crear desarrollo Web utilizando ASP.NET.

Prerrequisitos: Sólido entendimiento de Visual Studio 2005 o Visual Studio 2008, el .NET Framework 2.0 y Visual Basic.

Contenido

INTRODUCTION TO ASP.NET

- A Review of Classic ASP
- Dynamically Creating Web Pages
- ASP Shortcomings
- ASP.NET to the Rescue
- ASP.NET Web Applications
- Creating a New Web Application
- Rendering HTML with Server Controls
- Types of Server Controls
- Using HTML Controls
- Using ASP.NET Web Server Controls
- Data Binding in ASP.NET 2.0
- Web Development in Visual Studio
- Code Behind vs. Inline Code
- Web Sites and Applications
- ASP.NET Development Server
- Multi-Targeting Support

THEMES AND MASTER PAGES

- Creating a Consistent Web Site
- ASP.NET Themes
- Working with Themes, Folders, and Skins
- Applying a Theme
- Creating a Theme
- Working with Themes
- Creating Named Skins
- More Issues with Themes
- Master Pages
- Creating a Master Page
- Creating a Content Page
- Converting a Standard Page to a Content Page
- Adding Default Content
- Practical Master Pages
- Creating Nested Master Pages

WORKING WITH CONTROLS

- Introduction to Web Controls
- The WebControl Class
- The Label Control
- Simple Input Controls
- TextBox Controls
- CheckBox Controls
- RadioButton Controls
- HyperLink and Button Controls
- Postback Behavior
- HyperLink Controls
- Button Controls
- Displaying Images
- Using the ImageMap Control
- Image Alternate Text
- List Controls
- The Sample Page
- Adding Items to Lists
- Adding Items Programmatically
- Handling Selections and Postbacks
- Clearing Selected Items
- Removing Items
- Controlling Focus
- Setting Form Defaults
- Calling the Focus() Method
- Using TabIndex and AccessKey
- Overriding Default Button Settings with Panel Controls

USING RICH SERVER CONTROLS

- Introduction to Rich Controls
- The Calendar Control
- Working with the Calendar Control
- Handling Calendar Events
- Adding Custom Content with DayRender
- Investigating the Client-Side Code
- The AdRotator Control
- How the AdRotator Works
- Setting Up the Advertisement File
- Advertisement File Contents
- Adding User-Defined Elements
- Setting the Target Frame
- Filtering Images with the KeywordFilter Property
- Using the AdCreated Event
- The XML Control
- Setting the XML Control Properties
- Providing the Style Sheet

SITE NAVIGATION

- ASP.NET Web Site Navigation
- Providers and Data Sources
- Absolute and Relative URLs
- Creating an XML Site Map File
- A Hierarchy of Nested siteMapNode Elements
- Built-in and Custom Attributes
- Site Navigation Controls
- Breadcrumbs and Hierarchical Navigation
- Using the Site Navigation API
- Accessing Current and Sibling Nodes
- Exploring the SiteMap Class
- URL Mapping
- Mapping URLs in Web.config
- Adjusting the Site Map
- Using Multiple Site Map "Providers"
- Security Trimming
- Authentication and Authorization
- The Web Site Administration Tool
- Enabling Security Trimming
- Automatic Role-Based Trimming

DISPLAYING DATA WITH THE GRIDVIEW CONTROL

- Introducing the GridView Control
- Displaying Data with the GridView Control
- Filter Data in the GridView Control
- Create the DropDownList of Countries
- Filter the Data Based on the Selected Country
- Allow Users to Select from a DropDownList in the Grid
- Introducing Templates
- Convert the Country Field into a Template
- Add a Hyperlink to the Grid
- Create the CustomerOrders Page
- Create the Hyperlink
- Deleting a Row and Handling Errors
- Add the Delete Link
- Add the Client-Side Alert
- Add Event-Handling Code
- What's Left?

MANAGING STATE

- Preserving State in Web Applications
- Methods of Preserving State
- Page-Level State
- Enabling Dynamic Page Modifications
- View State and Page Lifecycle
- Enabling Change Events
- Understanding View State
- When to Disable View State
- The Limitations of Page-Level State
- Using Cookies to Preserve State
- Working with Cookies in ASP.NET Code
- The Limitations of Using Cookies

ACCESSING DATA

- Overview of ADO.NET
- ADO.NET Classes
- The ADO.NET Architecture
- Creating ADO.NET Data Objects
- The DataTable Object
- Connecting to Data
- Setting up Connection Information
- Using the Connection Object
- Executing Commands
- Using a SqlDataReader
- Working with Data
- Working with Data Using a Data Adapter
- Managing Data with the DataSet Object
- Filling a DataTable within a DataSet
- Filling DataSets from SQL Server
- Choosing an ADO.NET Provider
- The SQL Server .NET Data Provider
- The OLE DB .NET Data Provider
- The ODBC Data Provider
- Writing Code for Multiple Providers

INTRODUCTION TO LINQ

- Language Integrated Query
- LINQ Using Visual Basic and C#
- LINQ Syntax
- Basic LINQ Syntax
- Extension Methods
- LINQ and More Complex Objects
- Anonymous Types
- LINQ to SQL
- Creating a Data Model
- Calling Stored Procedures
- Using Anonymous Types with SQL
- Modifying SQL Data
- LINQ to DataSets
- LINQ to Typed DataSets
- LINQ to Untyped DataSets
- LINQ to XML
- Generating XML
- Querying XML
- Transforming XML
- Are You Done? Is there More?

- ASP.NET Session State
- Problems in Classic ASP
- The Session Object
- Storing Objects in Session State
- Storing ADO.NET Objects in Session
- Session State Object Storage
- Configuring Session State
- Editing Configuration Files
- Session State Options
- Setting Up an Out-of-Process State Server
- Ensuring that Your Data is Serializable
- Testing StateServer Session State
- Storing Session State in SQL Server
- Configuring SQL Server Session State
- Testing SQL Server Session State
- Using Cookieless Session IDs
- Application State

MANAGING USERS WITH ASP.NET'S MEMBERSHIP

FEATURES

- Introduction to Membership and Roles
- Introducing Membership Management in ASP.NET
- Introducing Role Management
- The Security Services Stack
- Data Has to Go Somewhere
- Configuring Members and Roles
- Modifying Provider Behavior
- Working with Roles
- Authentication and Cookies
- Using Membership Controls
- LoginStatus Control
- Login Control
- LoginView Control
- LoginName Control
- ChangePassword Control
- PasswordRecovery Control
- CreateUserWizard Control
- Writing Code to Interact with Membership and Roles
- The Membership and MembershipUsers Classes
- The Roles Class
- Creating Custom Providers
- Setting up the XML Provider

SERVER-SIDE DEBUGGING

- Server-Side Code Debugging in ASP.NET
- Using the Visual Debugger
- Configuring Debugging
- Setting Breakpoints
- Stepping Through Code
- Debugging Exceptions and Handling Errors
- The Exception Assistant
- Redirecting Users
- Debugging Stored Procedures
- Creating a Database Project
- Working with Data Connections
- Debugging Stored Procedures

CONFIGURATION

- Configuration Overview
- Navigating the Configuration File Hierarchy
- Configuration File Elements
- ASP.NET Configuration Tools
- Configuration Security Features
- Using the Web Site Administration Tool
- The Web Site Administration Tool Graphical User Interface
- Using the Web Site Administration Tool to Create a Custom Error Page
- Programming Configuration Files
- The Configuration APIs
- Storing and Retrieving Connection Strings
- Writing to Configuration Files
- Using External Configuration Files
- Standard Configuration Sections
- Is That All There Is?
- Encrypting Configuration Sections
- Protected Configuration Providers
- Encrypting the connectionStrings Section in Web.config
- Encrypting External Configuration Files

DATA BINDING

- Introducing Data Source Controls
- Introducing Data-Bound Controls
- Reading and Writing Data Using the SqlDataSource Control
- Bind a DropDownList Control
- Display Product Information in a DetailsView Control
- Filter Data Based on the DropDownList Value
- Data Source Control Events
- Should You Use the SqlDataSource Control?
- Displaying and Editing Middle-Tier Data using the ObjectDataSource Control
- Displaying XML Data Using the XmlDataSource Control
- Configuring the XmlDataSource Control
- Add the FormView Control

VALIDATING USER INPUT

- Overview of ASP.NET Validation Controls
- The Validation Controls
- Using the Simple Validators
- Using the RequiredFieldValidator
- Using a RangeValidator to Ensure that Data Falls within a Specified Range
- Using a CompareValidator to Compare Values
- Using the Complex Validators
- Validate General Text with the RegularExpressionValidator
- Create Your Own Validation Using the CustomValidator Control
- Summarizing Results with the ValidationSummary Control
- Display Modes for the ValidationSummary Control
- Separating Validation into Validation Groups

CLIENT-SIDE AND ADVANCED DEBUGGING

- Client-Side Code Debugging in ASP.NET
- Debugging Client-Side JavaScript
- Configuring Script Debugging
- Script Debugging
- Debugging Script in Dynamic Resource Files
- Limitations of Breakpoint Mapping
- Custom Data Visualizers
- A Client Data Visualizer
- Building a Custom Visualizer
- The Visualizer Class
- Deploying a Custom Visualizer
- Debugging .NET Framework Source Code Access
- Exploring the Source Code

CASCADING STYLE SHEETS

- Introducing Cascading Style Sheets
- Advantages of Using Styles
- Converting from Embedded to Linked Style Sheets
- What is CSS, Really?
- Investigating Styles
- Font Attributes
- Color Attributes
- Margins and Alignment
- Positioning
- <DIV> and
- Classes and IDs
- Grouping
- Is That All?
- Using Visual Studio 2008's Tools for Working with Styles
- Split View Editing
- Manage Styles Window
- Using the Style Application Toolbar
- Creating New Styles in the Stylesheet Editor
- Creating New Styles from the Manage S

Módulo III.- AJAX with ASP.NET & Visual Basic

Descripción: Este módulo comienza con una discusión de las aplicaciones ricas para Internet la cual incluye código del lado del cliente, típicamente JavaScript. Aprenderás acerca de la librería cliente de AJAX, despliegue parcial de páginas, llamadas a métodos remotos, el AJAX Control Toolkit y servicios de aplicación ya construidos. Con esto redondeas tu entrenamiento para crear poderosas aplicaciones Web utilizando Visual Basic 2008.

Prerrequisitos: Sólido entendimiento de Visual Studio 2005 o Visual Studio 2008, el .NET Framework 2.0, ASP.NET 3.5 y Visual Basic 2008.

RICH INTERNET APPLICATIONS AND AJAX

- Desktop Applications
- Web Applications
- Plug-Ins
- Client-Side Scripting
- Script Code
- JavaScript in ASP.NET
- Dynamic Pages
- Efficient Page Redraws
- AJAX
- Google Maps
- Netflix
- ASP.NET AJAX
- ASP.NET AJAX Control Toolkit
- An ASP.NET AJAX-Enabled Website

USING JAVASCRIPT

- History and Standards
- Uses of JavaScript
- JavaScript in the Browser
- Embedded JavaScript
- .js Files
- JavaScript Language
- Variables
- Naming Variables
- Reserved Words
- Types
- Strings
- Numbers
- Boolean
- Operators in JavaScript
- Logical Operators
- Bitwise and Assignment Operators
- Functions
- Scope
- Arrays
- Loops
- for/in Loops in Arrays
- Selection Structures
- Exceptions
- Error Object
- Objects in JavaScript
- Creating Your Own Objects
- Using Your Objects
- Dynamically Adding a Method
- for/in Loops with Objects

PARTIAL PAGE RENDERING

- Partial Page Rendering
- UpdatePanel Control
- AJAX Extensions Controls
- Controlling Updates
- Triggers
- Types of Triggers
- Server Initiated Updates
- A Challenge
- Triggers Again
- Timer Control
- PageRequestManager Class
- Customization Scenarios
- PageRequestManger Event Handlers
- UpdateProgress Control
- Factors Code
- Canceling the Async Postback
- Limitations and Performance Issues
- AcmeBook Database

REMOTE METHOD CALLS

- Why Remote Methods
- Designing Remote Methods
- A Web Service in an .asmx File
- Registering AJAX Web Services
- Calling AJAX Web Services
- Running the Application
- Handling Errors
- Context
- Modified Web Service
- Using Context
- Method Parameter
- Using Method Parameter
- Page Methods
- JavaScript Object Notation
- JSON Data Types
- Comparing JSON and SOAP
- SOAP Serialization
- ScriptMethod Attribute

AJAX CONTROL TOOLKIT

DHTML, DOM AND CSS

- What is DHTML ?
- DHTML Components
- XHTML
- Document Object Model
- Accessing DOM Nodes
- Manipulating Elements: Methods
- Manipulating Elements: Properties
- Creating and Inserting Nodes
- Removing Nodes
- DOM Events
- DOM Event API
- CSS (Cascading Style Sheets)
- CSS Syntax
- Style Sheets
- Output without the Style Sheet
- Output with the Style Sheet
- StyleSheet.css
- Using the Style Sheet
- Using a CSS Class

- AJAX Control Toolkit
- ACT Controls in Visual Studio
- Hello ACT
- Intellisense for Properties
- AjaxControlToolkit.dll
- Registering AjaxControlToolkit.dll
- Extender Controls
- NumericUpDownExtender Control
- Rating Control
- Using a Style Sheet
- MaskedEdit Control
- MaskedEditValidator Control
- PasswordStrength Control
- Page Layout Controls
- Tab Controls
- Accordion Control
- CollapsiblePanel Control
- CollapsiblePanel Markup
- Popup Controls
- Modal Popup Visual Effects
- ACT Controls and Web Services
- DynamicPopulate

MICROSOFT AJAX CLIENT LIBRARY

- Microsoft AJAX Components
- AJAX Client Library
- Using the Client Library
- ScriptManager Control
- Embedded JavaScript Files
- Client Library Namespaces
- Sys.Debug Tracing
- AJAX Client Life Cycle Events
- Enable Script Debugging
- Extending JavaScript Objects
- Test Program for Array Extension
- Test Program Code
- Array Extensions in Client Library
- Object-Oriented JavaScript
- Class
- Person Class
- Account Class
- Test Code
- Namespaces
- Inheritance
- Book Class
- Initialization
- Other Functions
- User Interface
- Top-Level Function
- Shortcut Methods
- Populating a List Box
- JavaScript in Assemblies
- Providing a ScriptReference
- Enhanced AcmeClass Application

APPLICATION SERVICES

- Using ASP.NET Application Services
- Forms Authentication
- Authorization
- Built-in Authentication Service
- ASP.NET Configuration Tool
- Login Page
- Members Page
- Configuration Files
- JavaScript on Login Page
- JavaScript on Home Page
- Profile Properties
- Using ASP.NET Profile Properties
- Using Client-Side Profile Service
- Profile JavaScript Code
- Storing Profile Information

Duración aproximada:

100-110 horas

Lugar:

Altadena 26. Col. Nápoles, México, D .F.

Incluye:

Material de los cursos, mochila, estacionamiento y servicio de cafetería.

IMPORTANTE:

- ❖ El material que se entrega está en inglés técnico.

Software a Utilizar:

- ❖ Visual Studio 2008
- ❖ IIS Server
- ❖ ASP.NET 3.5, ADO.NET 2.0

Material a entregar:

- ❖ Una mochila y un lápiz
- ❖ Un manual de ASP.NET 3.5
- ❖ Un manual del Programming Object Oriented with VISUAL BASIC and Visual Studio 2008
- ❖ Un manual de Ajax

Formas y condiciones de pago:

Para la inscripción, aplicación de los descuentos y aseguramiento de que el diplomado se impartirá en las fechas pactadas se requiere el pago anticipado 2 semanas antes de la fecha de inicio con depósito o transferencia bancaria a la siguiente cuenta:

- ❖ Depósito en Banamex cuenta 4923239 Suc. 575 a nombre de Desarrollo y Capacitación en Internet, S. A. de C. V. (CLABE en caso de transferencia electrónica vía Internet 002180057549232394)
- ❖ Cheque a nombre de Desarrollo y Capacitación en Internet, S. A. de C. V.

IMPORTANTE

- ❖ *Los descuentos aplican sólo en pagos por adelantado 2 semanas antes del inicio del entrenamiento y para grupos de alumnos en el mismo salón en la misma fecha.*