



GENIUS COMPUTER ACADEMY

PLACE WHERE QUALITY MATTERS

ASP.NET

This course is best fit for an individual who is aspiring to become a good web programmer. Every concept is presented with adequate details.

Syllabus:

Introduction to .Net Framework, The Common Language Run Time, .Net Class Framework, Architecture.

Introduction to Visual Studio 2010 – Solution Explorer, References, Assembly Information Screen, The Properties Window, The New Code Window.

Programming Structures – Variable, Data Types, Reference Types, Object Oriented Terminology, Working with Objects, Creating Classes, Overloading Methods, Constructors, Shared Methods.

Inheritance and Interfaces – Implementing Inheritance and object Interfaces.

Generics – Generics Types, Generics Methods and Creating Generics.

Namespaces – Concept of Namespace, common namespace, importing namespace, referencing namespaces, Creating own Namespaces.

Troubleshooting – Brief review of error handling, Structured Exception Handling, Error logging, Debugging, Tracing.

Web Applications - Configuring Web Applications, Controlling Web Applications, Creating Web Applications, Deploying Web Applications

Web Controls - Custom Controls, Input Validation Controls, Intrinsic Controls, List Bound Controls, Rich Controls, User Controls.

Web Forms - Code-Behind, Directives, Lifecycle, State, Using the IDE.

Data Access with ADO.Net – Architecture Enhancements, .Net Data Providers, DataSet Components and Building Data Access Components

Linq -

Web Services – Creating and using Web Services

Introduction to XML, XML Serialization, XML Stream-Styl Parsers.

Pre-requisites: Knowledge of any object oriented programming language.

Total Duration:(78 Hours)

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