Introduction to C# using .NET 2008

Course Summary

Description

This course focuses on the creation of C# applications using Visual Studio 2008 IDE. With the Visual Studio 2008 IDE, the student is shown how to create, execute and debug C# console and Windows applications. Students create a prototype application using many controls and code constructs including Access data using simple ADO.NET controls. They are introduced to the Object-Oriented concepts and how they are implemented with C#. Some of the new features of the 2008 release of the product are introduced including the new IDE features.

Objectives
At the end of this course, students will be able to:

- Create prototype applications using C#.
- List the major pieces of the .NET framework and its philosophy including the Common Language Runtime, Intermediate Language and Just In Time compilers.
- Navigate using the.NET IDE to create applications.
- Name and describe the components, both Controls and code constructs, needed to build, modify, and debug C# applications.
- Access data using simple ADO.NET controls.
- List the basic Object-Oriented concepts and how they are implemented with C#.
- Create and interact with Objects.

Topics

- .NET
- .NET IDE
- C# - The Basics
- Creating a C# Windows Application
- Creating Windows Forms
- Window Forms Controls

- Coding Objects
- Defining Scope, Program Controls and Procedures
- Data Access with ADO.NET
- ASP.NET - Coding for the Internet

Audience

This course is designed for students with the need to create applications using C# 2008.

Prerequisites

Students should have a programming background.

Duration

Five days