

Introduction to Programming Microsoft .NET Framework Applications with Microsoft Visual Studio 2005 (4994)

This course enables **introductory-level developers** who are not familiar with the **Microsoft .NET Framework** or **Microsoft Visual Studio® 2005** to gain familiarity with the **Visual Studio® 2005 development environment**.

Students will also learn basic skills using either **Microsoft Visual Basic®** or **Microsoft Visual C#®** as a **programming language**.

After completing this course, you will be able to:

- Create a simple Windows Forms application and explain programming fundamentals
- Create and use data types and variables, and control program execution by using conditional statements and loops
- Explain the fundamentals of object-oriented programming and create simple object-oriented applications
- Develop user interfaces in a Visual Studio 2005 application
- Validate user input on a Windows form
- Implement debugging and exception handling in a Visual Studio 2005 application
- Access data in a Visual Studio 2005 application
- Create simple Web applications and XML Web services
- Explain the key features of the .NET Framework version 3.0 technologies
- Test and deploy Microsoft .NET Framework applications.

This course consists of **10 GEAR** modules, over **5 weeks**, and includes:



10 Live Online Classes



10 e-learning courses



90 Days Practice Lab Access



10 Assessments