

Exploring Visual Studio .NET

- **Course Number:** VS.NET
- **Length:**

Certification Exam

There are no exams currently associated with this course.

Course Overview

This course is designed to cover all of the hot new .NET topics, as well as go over the capabilities of the new Visual Studio.

Prerequisites

Before taking this course, candidates should have some knowledge of Microsoft Visual Studio.

Audience

This course is intended for those wanting to understand the countless capabilities in the new Visual Studio and the impact they will have on current and future projects as well as when to move to .NET.

Course Outline

- **Level 1**
- Visual Studio.NET
- 1.1 Audiences
- 1.2 Demo – Audiences
- Using Visual Studio.NET
- 2.1 Review
- **Level 2**
- Visual Studio.NET Languages
- 1.1 C# Overview
- 1.2 VB.NET Overview
- 1.3 Patterns and Practices
- 1.4 Review
- Visual C#.NET
- 2.1 Basic Syntax of C#
- 2.2 Variable and Data Types
- 2.3 Statements and Flow
- 2.4 Creating Classes
- 2.5 Using Classes
- 2.6 Exception Handling
- 2.7 Review

- Lab - C# Syntax
- **Level 3**
- Visual Basic.NET
- 1.1 Language Changes
- 1.2 Variables and Data Types
- 1.3 Statements and Flow Control
- 1.4 Class Design
- 1.5 Inheritance
- 1.6 Using Classes
- 1.7 Exception Handling
- 1.8 Review
- Lab - Visual Basic Syntax
- **Level 4**
- NET Base Class Library
- 1.1 Base Class Walkthrough
- 1.2 Object Browser Spreadsheet
- 1.3 Review
- Creating a Web Application
- 2.1 Validating Data
- 2.2 Data Grid
- 2.3 Extending
- 2.4 Review
- Lab - Create a Web Application
- **Level 5**
- ASP.NET Web Service
- 1.1 Web Service Walkthrough
- 1.2 Resources
- 1.3 Review
- Windows Forms Application
- 2.1 Walkthrough
- 2.2 Advanced Features
- 2.3 Web Services
- 2.4 Visual Inheritance
- 2.5 Resources
- 2.6 Review
- Lab - Manipulating Windows Forms
- **Level 6**
- Using ADO.NET in Applications
- 1.1 ADO.NET Background
- 1.2 Connected Layer
- 1.3 Disconnected Layers
- 1.4 Selecting Data
- 1.5 Updating Data
- 1.6 XML
- 1.7 Course Review
- Lab - Accessing Relational Data