

Visual Studio.NET: Introduction

Course length: 1 day

Course Description

Welcome to Visual Studio.NET: Introduction. This course is the recommended course following .NET Framework: Introduction and expands upon the basic concepts you learned about the Visual Studio.NET tool. Now that you have taken the course .NET Framework: Introduction, you understand the basic concepts, features, and possibilities of .NET. With that foundation in place, you are now ready to explore the Visual Studio.NET environment. In this course, you learn how to work with the IDE Windows in Visual Studio.NET to create the different .NET project types.

Prerequisites: To ensure your success, we recommend you first take the following course or have equivalent knowledge:

- .NET Framework: Introduction

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Benefits: Learning how to use the Visual Studio.NET environment is the first step to creating .NET applications. By using the various wizards and features of Visual Studio.NET, you are able to create the different project types more quickly and efficiently than coding everything by hand.

Target Student: Anyone interested in Visual Studio.NET either with or without previous Visual Studio experience.

Performance-Based Objectives

Lesson objectives help students become comfortable with the course, and also provide a means to evaluate learning. Upon successful completion of this course, students will be able to:

- Perform the steps necessary to create a simple Windows Forms project.
- Perform the steps necessary to interact with a database in a Windows Forms project.
- Perform the steps necessary to create a Web Forms project.
- Perform the steps necessary to create a Web Services project.

Course Content

Lesson 1: Creating a Windows Forms Project

Topic 1A: Set up the Work Environment
Topic 1B: Set up a Windows Forms Project
Topic 1C: Arrange the Tool Windows
Topic 1D: Set General Preferences
Topic 1E: Add Controls
Topic 1F: Set Form and Control Properties
Topic 1G: Add Code Using the Code Editor
Topic 1H: Resolve Errors

Lesson 2: Interacting With a Database in a Windows Forms Project

Topic 2A: Configure a Data Adapter Using the Data Adapter Configuration Wizard
Topic 2B: Generate a Dataset
Topic 2C: Display Data from a Database in a Windows Forms Project
Topic 2D: Manipulate Data in a Windows Forms Project Using a DataGrid
Topic 2E: Add a Windows Form Page to a Windows Forms Project
Topic 2F: Create and Display a Data Report Using the Standard Report Expert
Topic 2G: Deploy a Windows Forms Project



Lesson 3: Creating a Web Forms Project

Topic 3A: Set up a Web Forms Project

Topic 3B: Add Form Controls to a Web Forms Project

Topic 3C: Use Code Behind in a Web Form

Topic 3D: Display Data from a Database in a Web Page Using a DataGrid

Topic 3E: Edit an Existing XML Page Using the XML Editor

Lesson 4: Creating a Web Services Project

Topic 4A: Develop a Web Services Project

Topic 4B: Access a Web Service from a Web Forms Project

Topic 4C: Delete, Exclude, or Remove Solution, Project, or Folder Items

