

Visual Basic 6

Course Level : Advanced

Course Duration : 5 days

Prerequisites : A working knowledge of Windows, manipulation of the Windows desktop and menus. Previous experience of a programming language would also be beneficial.



- **Advanced Dialog Boxes**
 - Common Dialog Box
 - Custom Dialog Box

- **Custom Menus**
 - Menu Design
 - Programming Menu Item Events
 - Menu Arrays
 - Pop-Up Menus
 - Menus with the Application Wizard

▼ Course Content

○ Course Objectives

○ Introduction

- Event-Driven Programming
- VB Help

○ Object Variables

- Objects
- Object Variables
- Arrays of Object Variables
- Looping through Arrays of Objects

○ Modules

- The Concept of Modules
- Adding a Module to a Project
- Designing a Module
- Attributes
- Routines

○ Class Modules

- Introduction to Class Modules
- Classes
- Objects: Instances of Classes
- Property Procedures
- Object Variables as Pointers

○ Multiple-Form Applications

- Multiple Forms at Design Time
- Viewing Different Forms at Run Time
- Creating Copies of a Form
- Form Instantiation and Events
- Splash Screens and About Boxes

○ Collections

- VB System Collections
- User Collections

○ File Handling

- Types of Files
- Opening and Closing Files
- Open
- Common File Functions
- Working with Sequential Files
- New Capabilities for Sequential Files
- TEXTSTREAM

○ ActiveX Data Objects

- What is ADO?
- OLE DB
- Introducing the ADO Data Control
- Making a Database Connection

○ The ADO Data Control

- ADO Data Control Components
- Properties, Methods and Events
- The ADO Data Control's Recordset
- The Fields Collection
- The Field Object
- Field Properties

○ Data-Bound Controls

- What are Data-Bound Controls?
- Binding Controls to Databases and ADO Data Controls

○ Demonstrating the ADO Data Control

- Creating the Form
- Coding the Form

○ The ActiveX Data Objects

- Overview
- Referencing the ADO Library
- The RecordSet Object
- Additional Recordset Methods

Visual Basic 6

- ActiveX Controls
 - Starting an ActiveX Control Project
 - Developing the Control
 - Design Time and Run Time Events
 - Persistent Properties
 - Creating ActiveX Control Events
 - Syntax of the RaiseEvent Statement
 - Adding Methods

- The Windows API
 - Introduction
 - Visual Basic DLL Declare Statements
 - Other DLL Terms
 - Data Structures
 - Some Sample Function Declarations
 - Some User Defined Data Types

- Workshop

