

Introduction to Visual Basic .NET Programming with Microsoft .NET

Length: 2 Days

Summary: This course provides students with the knowledge and skills needed to develop applications in Microsoft Visual Basic .NET for the Microsoft .NET platform

COURSE CONTENT

GETTING STARTED

- Basic .NET Concepts
- Exploring the Development Environment
- Creating a Visual Basic .NET Project

WORKING WITH FORMS AND CONTROLS

- Understanding Programming Concepts
- Working with Windows Forms
- Working with Controls
- Styling Your Code

USING VARIABLES AND ARRAYS

- Introduction to Data Types
- Using Variables
- Variable Scope
- Converting Data Types
- Creating and Using Structures
- Storing Data in Arrays

DECISION STRUCTURES AND LOOPS

- Using Conditional Expressions
- Using Decision Structures
- Using Conditional Loop Structures

VALIDATING USER INPUT

- Restricting User Input
- Validating Field Data
- Validating Form Data

OBJECT-ORIENTED PROGRAMMING IN VISUAL BASIC.NET

- Understanding Classes
- Working with Classes
- Using Shared Members
- Inheritance, Polymorphism, and Namespaces