



Microsoft Visual Basic.NET Programming Course Overview

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Course Description:

This course is intended for both novice and experienced programmers who have a minimum of three months programming experience and have basic Microsoft Windows navigation skills.

Course Duration:

21 Hours / 3 Days

1 Module 1: Working with Forms and Controls

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

2 Module 2: Using Variables and Arrays

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

3 Module 3: Working with Procedures

- Creating Procedures
- Using Procedures
- Using Predefined Functions

4 Module 4: Decision Structures

and Loops

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

5 Module 5: Validating User Input

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

6 Module 6: Object-Oriented Programming in Visual Basic .NET

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

7 Module 7: Handling Errors and Exceptions (Optional)

- Types of Errors
- Using the Debugger
- Handling Exceptions