



G-TEC COMPUTER EDUCATION CENTRE

REGISTERED WITH COUNCIL FOR PRIVATE EDUCATION SINGAPORE

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VISUAL BASIC .NET PROGRAMMING

COURSE OVERVIEW:



This course presents basic programming and teaches the essential concepts of visualbasic.net (vb.net). The course helps participants understand the processes involved in software development using object-oriented programming in VB .NET platform. The course participants will also complete a series of hands-on projects covering built in data types, operators, control structures, classes, and objects

COURSE CONTENT:

Introducing .NET Framework: Introduction to .net, Common Language Runtime (CLR)

Getting Started with Visual Basic: Statement , Keywords , Operators and their Precedence Data Types , Variables Constants , Creating a Windows Application using Visual Basic

Introduction to Windows Forms :A Windows Form in Visual Basic, Performing Some Basic Operations on a Windows Form, Working with Windows Controls, Working with Multiple Forms, Standard Controls, Message Box, Input Box

Basic Programming: Using If... Then..., Else Statement, Using For... Loop, Using Do... Loop Statement ,Using Select... Case Statement , Using While... End While Statement, Arrays.

Menus, Built-in Dialog Boxes,and Printing: Menus, Folder Browser Dialog control, Open FileDialog control, SaveFile Dialog control, Font Dialog Control, Print Document control Print Dialog control

Mouse and Keyboard events: Mouse Events, Keyboard Events

Working with Database: Basic SQL Commands, Overview of ADO.NET Objects, Accessing Data using Data Adapters and Data Sets Accessing Data using a Web Service

Deployment:Deployment using Windows Installer

Programming in .NET: Architecture of .NET Framework, Windows Workflow Foundation
Windows Communication Foundation, Windows CardSpace Windows Presentation Foundation