VB.NET FULL

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TO PROVIDE**
100% QUALITY
TRAINING
TO ALL...

G TEC
COMPUTER
EDUCATION

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COURSE OVERVIEW

This instructor-led course provides participants with the knowledge and skills required to develop applications in Microsoft Visual Basic .NET for the Microsoft .NET platform. Course curriculum is designed as a combination of both theory and hands on focusing on user interfaces, program structure, language syntax, and implementation details. This course covers the concepts and building blocks of the VB.NET programming language such as object oriented concepts, windows forms programming, ADO.NET, LINQ, deploying visual VB.NET application, WPF, WCF services and web services.

Entry Requirement	:	**Basic computer knowledge**
Course Duration	:	**32 hrs.**
Mode of Training	:	**Face to face Instructor led Training**

Microsoft®
VB.net

COURSE CONTENT

Module 1
Introduction to .Net Framework

Architecture of .Net framework
Benefits of .Net framework
Installing Visual Studio
Visual Studio IDE

Module 2
Getting started with Visual Basic

New features In Visual Studio
Keywords
Operators
Data Types
Selection statement
Iteration statements
Arrays Basic

Module 3
Understanding Object Oriented Concept

Class and Object
Encapsulation
Inheritance
Implementing Polymorphism
Structures
Working with Properties, Interface,
and Namespace.

Module 4
Working with Windows forms

Visual Basic Windows Form Application
Working with Multiple form
Message Box
Input Box
Dialog Boxes

Module 5
Working with Windows controls

The Label Control
The Textbox Control
The Button Control
The Progress bar and Timer Controls
The Radio Button Control

Module 6
Introduction to Windows Presentation Foundation (WPF)

Architecture of WPF 4.0
Type of WPF applications
Designer & XAML
Common controls in WPF
Resources and Styles in WPF 4.0

Module 7
Working with ADO.Net 4.0

ADO.Net 4.0
Classes in ADO.Net 4.0
Type of binding in Windows form
Data binding in WPF applications

Module 8
Collections

Build -In Interfaces
Working with ArrayList
Working with LIST
Working with Dictionary

Module 9
Working with LINQ

Introduction to LINQ
LINQ queries
Standard Query operations in LINQ
LINQ to Dataset
LINQ to SQL
Anonymous types
Lambda Expression.

Module 10
Deploying a VB Application

Deployment using windows installer
Deploying application using Click once

Module 11
Web Service and WCF services

Introduction to Web Service and WCF 4.0
Using a Web Service
Using a WCF Service

FUNDING AVAILABLE

SkillsFuture Credit

The Singapore Government provides SkillsFuture Credits to all Singaporeans self sponsored (above 25 years) to enhance their knowledge and skills by attending training programs in Singapore.

The Skills Development Fund (SDF)

The Skills Development Fund support is used to support workforce upgrading programmes and to provide training grants to companies when they send their employees to attend training. The SDF is administrated by the SkillsFuture Singapore Agency (SSG).

STUDENT'S TESTIMONIAL

VB.NET Programming

"Trainer was patient and her knowledge is remarkable. The way she assists and teaches is structured and easy to follow for people who don't have IT background."

**William Low
Temasek International**

C#.Net Programming

"C#.Net Training from G-TEC gives me the full picture of this programming in short period. Both theory and practical works are well learned though I need more practical practice."

Leica Instruments (S) Pte Ltd, R & D.

Java/Java EE Programming

"The Java/J2ee course material was well presented and very helpful for my work. I really got a great amount out of it. The one to one training was excellent. It met all my expectations. I can even try my hand at getting a SCJP cert now. Thanks to GTEC! ".

**Sylvia Lawrence | IBM
IT Professional**

C++ Programming

What I appreciate the most is the trainer's ability to teach a topic that is so comprehensive. She is open to questions and very patient to assist those who are struggling. Definitely would recommend.

Alicia Kurniawan

Since 2008   **Corporate Clients 1200+**   **Professionals Trained 4500+**

COMPANY PROFILE

What We do:	G-TEC Computer Education Centre is an Information Technology company in the field of Software Training, Technology Resourcing and Knowledge Consulting. We provide Corporate Training, Project Training, and Customized Training, One to One trainings for professionals, individuals and students.
Who are our Customers:	We have special teaching methodologies to train people in different categories ranging from corporate clients to school level students. Over 1.5 million students are certified by G-TEC all over the world. We have the privilege of working with some of the most well-known companies in the world.
Where we are :	G-TEC Computer Education Centre is the largest computer education networks with more than 510 centers all over the world and corporate office in Singapore. We are operating in Mexico, Qatar, India, Dubai, Singapore, Kuwait, Srilanka, Iran, Malaysia, Saudi Arabia, Bahrain and Ghana.
Our Goal and Focus :	Our aim is to make IT education affordable to all sections of society through various projects associating with government's quasigovernment public and private company to reach each corner. Our ultimate goal is to achieve cent percentage computer literacy. We are committed to provide 100% quality training to all; our focus is to provide Quality Education World Wide.

OUR POPULAR COURSES

Programming

Java - Java EE
.NET (C# & Asp)
C++
Python

Office Skills

MS Excel
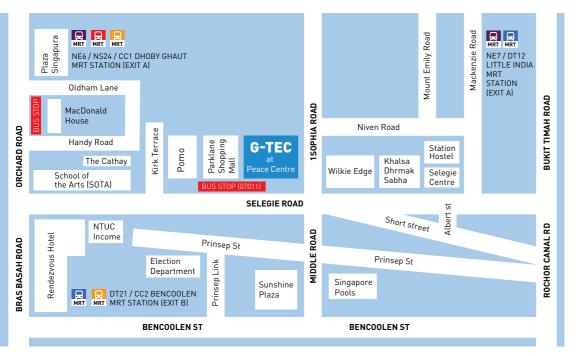Excel Advanced
MS Powerpoint
MS Access

Multimedia

Interior Design
Autocad
Web designing
Digital Architect

OUR SERVICE OFFERING

▶ Software Training

▶ Onsite Training

▶ Customised Corporate Training

▶ Knowledge Consulting

▶ Online Training

▶ Project Training

OUR LOCATION

Plaza Singapura

MRT MRT MRT
NE6 / NS24 / CC1 DHOBY GHAUT MRT STATION (EXIT A)

Oldham Lane

BUS STOP

MacDonald House

Handy Road

ORCHARD ROAD

The Cathay

School of the Arts (SOTA)

Kirk Terrace

Pomo

Parklane Shopping Mall

G-TEC at Peace Centre

BUS STOP (07011)

1 SOPHIA ROAD

SELEGIE ROAD

Mount Emily Road

Mackenzie Road

MRT MRT
NE7 / DT12 LITTLE INDIA MRT STATION (EXIT A)

Niven Road

Wilkie Edge

Khalsa Dhrmak Sabha

Station Hostel

Selegie Centre

BUKIT TIMAH ROAD

BRAS BASAH ROAD

Rendezvous Hotel

NTUC Income

Election Department

Prinsep Link

Sunshine Plaza

Prinsep St

MIDDLE ROAD

Short street

Albert st

Prinsep St

Singapore Pools

ROCHOR CANAL RD

MRT MRT
DT21 / CC2 BENCOOLEN MRT STATION (EXIT B)

BENCOOLEN ST

BENCOOLEN ST

Nearest MRT
Dhoby Ghaut-Exit A
Little India-Exit A
Bencoolen-Exit B

Bus Services
64, 65, 131, 139,147, 166, 857

Nearest Bus Stop
Peace Centre: 07011

G-TEC COMPUTER EDUCATION CENTRE

"Registered with Committee for Private Education (CPE) is part of SkillsFuture Singapore (SSG)"

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