

VB.NET PROGRAMMING FULL



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Course Overview

The course covers basic to advanced concepts of VB.NET programming. This course is a collection of examples and case studies. The course is designed with more advanced hands on practices and exercises.

Entry Requirement	: Basic computer knowledge
Course Duration	: 40hrs.
Mode of Training	: Face to face Instructor led Training
Materials	: Course books will be provided to each participant

Course Content

Module 1: Introduction to .Net Framework 4.0

- Architecture of .Net 4.0
- Benefits of .Net framework
- Installing Visual Studio
- Visual Studio IDE

Module 2: Getting started with Visual Basic 2010

- New features In Visual Basic 2010
- Keywords
- Operators
- Data Types
- Selection statement
- Iteration statements
- Arrays Basic

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Module 3: Introducing Object Oriented Concept

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

Module 4: Working with Windows forms

- Visual Basic 2010 Windows Form Application
- Working with Multiple forms
- 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 4.0
- Resources and Styles in WPF

Module 7: Windows Workflow Foundation

- Introduction to workflow
- Workflow principle
- Components in Workflow Foundation
- Deploying a Workflow application
- Conditions in Workflow

Module 8: 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 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 VB 2010 Applications

- Deployment using windows installer
- Deploying application using Clickonce

Module 11: Web Service and WCF services

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

Student's Testimonial

Vb.Net Programming Course- "The VB.Net advanced training from G-TEC is **very detailed** and interesting training. The **trainer is patient** and willing to share her knowledge. I will definitely recommend to my colleagues and friends."

Stanley, Philips Electronics Singapore Pte Ltd, Engineer

C#.net Programming Course- "G-TEC provides a **good trainer** qualified. It was a **good learning experience** in G-TEC for C#.net".

Emerson Process Management, Software Test Engineer.

C#.Net Programming Course- "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/J2EE Programming Course- "This is the **best institution I found in Singapore.** Because here the trainer as well as training was good. The **trainers are very good** because if we have any doubts they are giving clarification through mail even after the course completed (Java/J2EE)".

Comdo 2000 Pte Ltd, Software Engineer

Java/J2EE Programming Course- "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

Ms Office- "I will encourage everyone to come for the Ms Office Basic course as the **lessons are relevant to work.** Teachers are willing to teach until I understood my work".

Odin Marine (Singapore) Pte Ltd, Admin Assistant

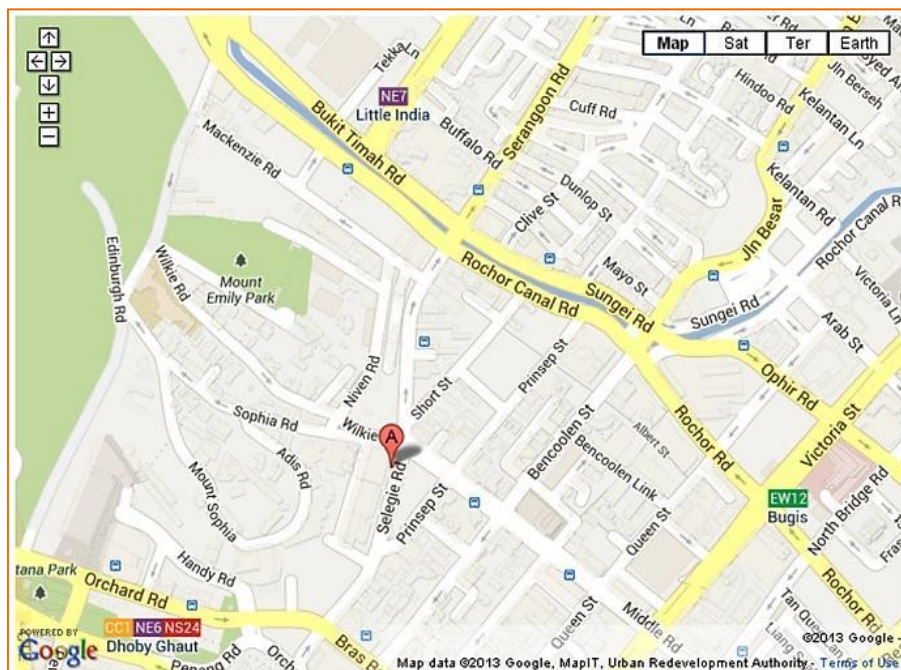
Our Clients

Singapore Airlines, Bosch, Ministry of Home Affairs, Seagate, Land Transport Authority, NETS , Inland Revenue Authority of Singapore, Tiger Airways, DSO Laboratories, DHL, Changi Airport Group, DB Schenker, National University Hospital, Gemalto, Thales, Housing Development Board, Philips , Micron, Surbana International Consultants Pte. Ltd., Singapore Polytechnic, ING Bank, Nanyang Polytechnic, Nanyang Technological University, Genetic Technologies Solutions, Singapore Chemical Industry Council (SCIC), State Bank of India , ST Engineering, Emerson Process Management, Keppel FELS , ST Aerospace, MCI

Company Profile

<p>What We do :</p>	<p>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.</p>
<p>Who are our Customers :</p>	<p>We have special teaching methodologies to train people in different categories ranging from corporate clients to school level students. Over 900000 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.</p>
<p>Where we are :</p>	<p>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 and Iran.</p>
<p>Our Goal and Focus :</p>	<p>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 and every 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.</p>

Our Location



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