

# VB.NET Beginner

## VB.NET Beginners

### Prerequisites

You should have passed the [Intro to Programming](#) level or able to pass [this test](#) or similar, to start with VB.NET Beginners

### Intended Audience

This course is for anyone who want to learn how to program in VB using the .NET framework.

### Further Training

[Advanced VB.NET](#)

### Course Material

Included in the course price.

### Course Info

#### Day 1

- Exploring the Visual Studio Integrated Development Environment
- The Visual Studio Development Environment
- The Visual Studio Tools
- The Properties Window
- Moving and Resizing the Programming Tools
- Switching Among Open Files and Tools by Using the IDE Navigator
- Opening a Web Browser Within Visual Studio
- Customizing IDE Settings to Match Step-by-Step Exercises
- Your First Visual Basic Program
- Algorithms
- Variables

- Comments
- Data Types
- Storing variables
- Methods

## Day 2

- Flow Control
- IF
- Case
- Loops
- Data Structures
- ArrayLists
- Collections
- Lookup Tables with Hashtable
- Advanced Array Manipulation

## Day 3

- Extensible Application Markup Language (XAML)
- Windows Presentation Foundation
- Building Windows Apps
- Building a Sample Application
- Counting Characters
- Counting Words
- More Complex Applications
- Toolbar
- Statusbar
- EditText
- Responding to Toolbar Buttons

## Day 4

- Creating a message box using different buttons and icons
- Creating an Open dialog that enables you to open files
- Creating a Save dialog that enables you to save files
- Creating a Font dialog that enables you to apply the

selected font to  
text

- Creating a Color dialog that enables you to define and select custom colors
- Creating a Print dialog that prints text from your application
- Creating a Browse dialog that enables you to browse for folders
- Creating menus
- Creating submenus
- Creating context menus

## Day 5

- How to correct the major types of errors you may encounter
- How to debug a program
- How to implement error handling in a program

## Duration and pricing

- *Full-time* over 5 days (R14995)
- *Part-time* over 4 weeks (2 nights per week, 3 hour sessions) (R15995)
- *Part-time* over 8 Saturdays, 3 hour sessions (R15995)
- Please note : For *part-time* courses we do not have a fixed schedule and you will be placed on a waiting list until we get a group of 4+ together. Please book with no dates on the bookings form. This will automatically put you on the waiting list. We will confirm with you as soon as we have a part-time group together.
- [Distance-learning](#) over up to 3 months (R14995)
- International exams are not included in the course price.
- Prices exclude Vat for Vat-registered companies

## Certificate

1. Upon completion of this course we will issue you with attendance certificate to certify your attendance and / or completion of the prescribed minimum examples.
2. You may sit for our competency assessment test and on passing you will obtain our competency certificate.
3. Our competency assessment can be booked and taken by someone who has not attended the course at a cost of R950.

## **Bookings**

You can download the course registration form on our home page or by clicking [here](#)

## **Brochure**

You may download a pdf copy of this page by clicking on the pdf icon at the top of the page.

## **Questions**

Please [email us](#)

## **Schedule**

On the calendar below. If your browser doesn't display the calendar below, please click on [this link](#) or try using [Google Chrome](#), alternatively please enquire via our [Contact Us](#) page.