Course Description
Our Microsoft Visual Basic 2005 training course features more than 30 hours of classroom-quality, instructor-led training on writing WinForm applications, console applications, and ASP.NET websites using Visual Basic as the language of choice.

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2 - Visual Studio 2005 - Installing and Working With the IDE
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6 - Introduction to ASP.NET Web Applications - Building Websites and Web Pages
7 - ASP.NET: Data Viewer Controls
8 - ASP.NET Master Pages, User and Server Controls
9 - ASP.NET Websites - Deployment, Maintenance and Using Web Servers
10 - Test Driven Development, Unit Testing, Agile and Extreme Programming
11 - Getting Started with SQL Server 2005
12 - Misc Topics That Don’t Fit Anywhere Else

Pricing and Multi-User Licensing
LearnItFirst’s courses are priced on a per user, per course basis. Volume discounts start for as few as five users. Please visit our website or call us at +1(877) 630-6708 for more information.

Packages and Bundles Available
This course is part of our “Visual Studio 2005 Developer” package. This package features four courses and a savings of 25% off the retail price (“Buy 3 Get 1 Free”).

$99.95 per user

- Purchasing this course allows you access to view and download the videos for one full year
- Course may be watched as often as necessary during that time
Visual Basic Programming with Visual Studio 2005

Who Is This Course Designed For?
Our Visual Basic course is designed for the beginner-intermediate - beginners will find a lot of great help here as will intermediate-level users.

Pre-Requisites
It is recommended that you have at least a small amount of experience creating variables and working with another programming language (even as a novice)

About the Instructor
Scott Whigham is the founder of LearnItFirst.com, one of the web’s most extensive video training libraries focusing on technical training. Scott is also an experienced consultant, trainer, and author with more than a decade of hands-on experience working with SQL Server databases, writing and debugging applications using Visual Studio, and performance tuning. Scott designed the architecture (websites, class libraries, and database) for the LearnItFirst.com websites and, most recently, was involved in upgrading the websites and support applications from Visual Studio 2005 to Visual Studio 2008 and to SQL Server 2008.

Before founding LearnItFirst, Scott had been an independent consultant since 1998 focusing on SQL Server and .NET performance tuning and data warehousing. Scott has been asked to speak and train at events in the United States and Europe. As an author, Scott has written courses on SQL Server and C# and VB languages as well as popular articles for top-selling magazines and the MSDN (Microsoft Developer Network) library.

Frequently Asked Questions
• “How do I access the videos?” You can access the videos 24/7 online via our website
• “Do I have to have internet access to watch the videos?” No! Users can download the videos to their hard drive.
• “How long are the videos?” The videos are broken into 10 minute task-oriented segments designed to teach you a single task
• “How many videos are in a course?” It depends on the topic; courses can have anywhere from 20 - 200 videos!

For More Details
Visit http://www.learnitfirst.com/Course/199/VB-2005.aspx for more information and to watch free sample videos from this course.
# Visual Basic Programming with Visual Studio 2005

- **Course Id:** 199  
- **Skill level:** 100-300  
- **Run Time:** 27+ hours (144 videos)

## Videos in this course:

### Chapter 1: Getting Started with Visual Studio Express Editions

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### Chapter 2: Visual Studio 2005 - Installing and Working With the IDE

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# Visual Basic Programming with Visual Studio 2005

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## Videos in this course:(cont.):

### Chapter 2: Visual Studio 2005 - Installing and Working With the IDE
- 2.7 - Pt. 2 - Installing the Service Pack and Verifying the Installation
- 2.8 - Pt. 1 - Installing VS2005 Team Suite Edition
- 2.9 - Pt. 2 - Installing VS2005 Team Suite Edition

### Chapter 3: Introduction to .NET and Visual Basic Concepts
- 3.1 - Tabs, Docking and Getting Comfortable With the Visual Studio IDE
- 3.2 - Templates - Project Templates and Item Templates
- 3.3 - VB Basics - Using Comments
- 3.4 - VB Basics - Expressions: What They Are and How to Use Them
- 3.5 - Pt. 1 - Writing If Statements and Boolean Tests
- 3.6 - Pt. 2 - Using the Logical And, Or, and Not Operators, Parentheses, and Else If
- 3.7 - Pt. 3 - More Expansive If Statements Using C# Generics and Select Case
- 3.8 - Tips for Writing Efficient If, Switch, and Select Case Statements
- 3.9 - Pt. 1 - How to Write to the Windows Application Event Log
- 3.10 - Pt. 2 - How to Create and Use a Custom Event Log
- 3.11 - Pt. 1 - An Introduction to Operators: Unary, Binary, Ternary, and More
- 3.12 - Pt. 2 - An Introduction to Operators: Unary, Binary, Ternary, and More
- 3.13 - Pt. 3 - Visual Basic Unary Operators
- 3.14 - Pt. 4 - Visual Basic Binary Operators: Arithmetic, Relational, Assignment, and Logical
- 3.15 - Pt. 5 - Logical Operators in VB.NET: And, Or, Xor, AndAlso, OrElse
- 3.16 - Pt. 1 - Namespaces: An Introduction to Namespaces in .NET
- 3.17 - Pt. 2 - Comparing C# and Visual Basic Namespaces: Default and Root namespaces
- 3.18 - Pt. 3 - Comparing C# and Visual Basic Namespaces: Default and Root namespaces
- 3.19 - Pt. 4 - Nesting Namespaces and Organizing Your Classes and Code
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Chapter 3: Introduction to .NET and Visual Basic Concepts

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Chapter 4: Writing Console Applications

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4.3 - Pt. 3 - Examples Using My.Application.CommandLineArgs
4.4 - Pt. 4 - A Complete Example of How to Read Arguments and Parse Arguments
4.5 - Pt. 1 - An Introduction to Creating Console Applications Using Notepad.exe and vbc.exe
4.6 - Pt. 2 - More on Console Apps and Using Text Editors to Create Them
4.7 - Pt. 3 - Using Error Handlers and Try/Catch Blocks in Visual Basic

Chapter 5: Intro to WinForm Development

5.1 - Pt. 1 - Creating the Project, Adding Items to the WinForm and More
5.2 - Pt. 2 - More Controls and Design-Time vs. Runtime
5.3 - Pt. 3 - Even More Controls and Adding Event Handlers
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27+ hours of instructor-led training!

Videos in this course:(cont.):

Chapter 5: Intro to WinForm Development

5.4 - Pt. 4 - Wiring Up Your Windows Application to Use SQL Server 2005
5.5 - Pt. 5 - Deploying Your Application With XCOPY Deployment and Setup Programs

Viewed?

Chapter 6: Introduction to ASP.NET Web Applications

6.1 - Pt. 1 - Getting Started With Your First ASP.NET Website in Visual Basic
6.2 - Pt. 2 - Adding Objects and Working With Events, Properties and More
6.3 - Pt. 3 - An Overview of the Toolbox and Design-Time vs. Runtime
6.4 - Pt. 4 - Using Gridviews, SQL Server 2005, and Hacking Your Textboxes
6.5 - Pt. 5 - Using Javascript, CSS, Favicon and More
6.6 - Pt. 1 - ASP.NET Page Lifecycle and Page-Level Events: An Overview
6.7 - Pt. 2 - Discussing Load(Page_Load), PreLoad, and LoadComplete
6.8 - Pt. 3 - The Final Page Events: PreRender, SaveStateComplete, Render, and Unload
6.9 - Pt. 4 - Understanding How AutoEventWireup Works
6.10 - Pt. 5 - Avoiding Common Pitfalls Often Seen When Using AutoEventWireup

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Chapter 7: ASP.NET: Data Viewer Controls

7.1 - Pt. 1 - An Introduction to the GridView and Using GridViews In Your ASP.NET Applications
7.2 - Pt. 2 - Pagination With the GridView
7.3 - Pt. 3 - Templates and GridViews: An Overview of EmptyDataTemplates, PagerTemplates and more
7.4 - Pt. 4 - Working With ItemTemplates in the GridView
7.5 - Pt. 5 - An Introduction to Using the SqlDataSource
7.6 - Pt. 6 - Customizing the SqlDataSource to Use Custom Helper Classes for Connection Strings
7.7 - Pt. 1 - GridView Essentials: Filtering a GridView/SqlDataSource Based On a DropDownList
7.8 - Pt. 2 - GridView Essentials: Filtering the GridView Based on a Calendar Control

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Chapter 8: ASP.NET Master Pages, User and Server Controls

8.1 - Pt. 1 - Identifying and Creating Server Controls
8.2 - Pt. 2 - Adding Properties and Deploying Your Server Control
8.3 - Pt. 3 - How to Convert a Simple User Control Into a Server Control
8.4 - Pt. 1 - Why Do You Need to Consider Using Master Pages and User Controls?
8.5 - Pt. 2 - Creating User Controls and Master Pages
8.6 - Pt. 3 - How to Register Your User Control One Time For Use Across Your Entire Website

Chapter 9: ASP.NET Websites - Deployment, Maintenance and more

9.1 - Installing and Configuring IIS on Windows XP to Run Python
9.2 - 1 - Using Cassini or IIS: An Overview of Web Server Options With ASP.NET Websites
9.3 - 2 - Installing IIS and Configuring Your ASP.NET Website on Windows XP
9.4 - 3 - Troubleshooting IIS Website Configurations, Part 1
9.5 - 4 - Troubleshooting IIS Website Configurations, Part 2
9.6 - 5 - Setting Your Web Site Options in IIS
9.7 - 6 - Understanding IIS Virtual Directories and Publishing Your Site
9.8 - 1 - An Overview of How to Deploy Your ASP.NET Websites and Using ‘Publish Website’
9.9 - 2 - Web Application Projects - Installing, Deploying and Configuring
9.10 - 3 - Web Deployment Projects - Installing, Configuring, and Deploying ASP.NET Websites with WDPs
9.11 - 4 - Web Setup Projects - Creating and Configuring Your First Web Setup Project
9.12 - 5 - Using ‘Copy Website’ to Deploy Your ASP.NET Websites
9.13 - Pt. 1 - Installing and Configuring IIS7 on Windows Vista
9.14 - Pt. 2 - Creating and Managing Your IIS7 Website
9.15 - Pt. 1 - Installing and Configuring IIS7 on Windows Vista to Run Python
9.16 - Pt. 2 - Creating Python Pages and How to Execute Python Scripts in IIS7
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**Chapter 10: Test Driven Development, Unit Testing, Agile and more**

10.1 - Pt. 1 - What Is Test driven Development (TDD)? What are Unit Tests? How Can I Use Them?
10.2 - Pt. 2 - More on the Core Principles and Ideas of TDD and Unit Testing
10.3 - Pt. 3 - Writing Your First Application Using TDD, Your First Unit Test, and Using NUnit
10.4 - Pt. 4 - Best Practices and Guidelines for Successful Unit Testing
10.5 - Pt. 5 - How to Setup and Configure Your First NUnit Project

**Chapter 11: Getting Started with SQL Server 2005**

11.1 - Migrating From Express Edition to SQL Server Enterprise/Standard/et al
11.2 - Installing Visual Studio and SQL Server Express Edition - Part 1
11.3 - Pt. 2 - Installing SQL Server 2005 Express Editions
11.4 - Pt. 3 - Post-Install: Examining an Installation of SQL Server 2005 Express Edition
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11.9 - Pt. 3 - Working with the Documentation and Books Online
11.10 - Pt. 4 - Working With SQL Server 2005 Management Studio Express Edition
11.11 - Pt. 1 - Installation and Configuration of the SQL Server 2005 Sample Applications for SQL and more
11.12 - Pt. 2 - More Samples and How to Get the Sample Applications to Compile Using an .snk File

**Chapter 12: Misc Topics That Don’t Fit Anywhere Else**

12.1 - Pt. 1 - An Overview of the Various Options for Executing SSIS Packages Outside of SSMS and BIDS
12.2 - Pt. 2 - An Overview of How to Execute SSIS Packages With C#
12.3 - Pt. 3 - An Overview of How to Execute SSIS Packages With Visual Basic
12.4 - Pt. 4 - An Overview of How to Override Event Handlers in C# and Visual Basic

27+ hours of instructor-led training!
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Videos in this course:(cont.):

Chapter 12: Misc Topics That Don’t Fit Anywhere Else

12.5 - Pt. 5 - How to Pass In Variables and Set Variable Values for SSIS Packages Using .NET
12.6 - Pt. 6 - More Options: Using DTEXEC.exe and DTEXECU1.exe
12.7 - Pt. 7 - More on DTEXEC; How to Execute SSIS Packages In Windows PowerShell; Using xp_cmdshell
12.8 - Pt. 8 - How to Execute a SQL Server SSIS-Based Job Remotely Using sp_start_job
12.9 - Pt. 9 - sp_start_job Options and Security: Credentials, Proxy Accounts and More
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12.13 - Part 3 - Looking at a Filename Pattern Regular Expression
12.14 - Part 4 - Looking at a Filename Pattern Regular Expression
12.15 - Part 5 - Email Address Validation Regular Expression
12.16 - Part 6 - Using Windows PowerShell to Test Regular Expressions
12.17 - Part 7 - More Regular Expressions Syntax and Case Sensitivity
12.18 - Part 8 - Using Regular Expressions in Everyday Applications

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