MICROSOFT EXCEL VBA - PROGRAMMING (2013, 2016)

Course Code: 7133

Learn how to use formulas and advanced functions, create and format tables, sort and filter, add and format graphics, and protect and finalize a workbook.

Visual Basic for Applications (VBA) is the programming interface for Excel. It allows you to automate tasks and even control other applications such as PowerPoint and Access.

Instruction will be personalized by version. Students have the option to progress through the course using Microsoft Excel VBA 2013, or Microsoft Excel VBA 2016.

What You'll Learn

Upon successful completion of this course, you will be able to automate your job tasks in Microsoft Excel.

Who Needs to Attend

This course is intended for advanced Microsoft Excel professionals that need to automate Excel spreadsheet tasks using VBA.

Prerequisites

This course is designed for students who want to learn to automate repetitive tasks and/or develop self-running models and spreadsheets for others. The student should have significant Excel experience.

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CLASSROOM LIVE	$1,275 CAD	3 Day

Classroom Live Outline

Macros

- Record a Simple Macro
- Record a Macro
- Run a Macro

Understand the VB Editor

- Use the Menu Bar
- Use the Standard Toolbar
- Use the Project Explorer
- Use the Properties Window
- Understand the Code Window
- Understand Code Window Options
- Edit Code

Get Help

- Use .CHM or .HLP Files
- Close the Visual Basic Editor

Work with Objects

- Understand the Object Browser
- Understand Objects
- Understand the Objects Hierarchy
- Reference Objects

Understand Collections

- Use the Editing Features
- Use the Immediate Window
- Use the Auto List

- Use Auto Quick Info

Work with Variables

- Understand Variables
- Declare Variables
- Understand Data Types
- Store Values in Variables
- Store Objects in Variables

Create Procedures and Functions

- Understand Procedures
- Use the Macro Recorder to Create Sub Procedures
- Call Procedures from Procedures
- Use Intrinsic Functions
- Use Message Boxes
- Use Input Boxes

Create Functions

- Pass Arguments to a Function
- Work with Conditional Statements
- Understand Conditional Statements
- Work with Decision Structures
- Work with Loop Structures

Work with Forms and Controls

- Understand UserForms
- Use the Toolbox
- Work with UserForm Properties
- Events and Methods
- Use the Properties Window
- Understand Controls
- Work with the Label Control
- Work with the Text Box Control
- Work with the Command Button Control
- Work with the Combo Box Control
- Work with the Frame Control
- Work with the Option Button Controls

Add Functionality to Forms

- Work with Control Appearance
- Set the Tab Order
- Populate a Control
- Add Code to Controls
- Launch Forms from Procedures

Use Pivot Tables

- Understand Pivot Tables
- Create Pivot Tables

- Pivot Table Arguments
- Add Fields to Pivot Tables

Control Forms

- Control Pivot Tables from a Form
- Control a Form from a Custom Toolbar

Understand Debugging

- Understand Errors
- Debug Code
- Debug Tools
- Use the Locals Window
- Use the Watch Window
- Use Breakpoints

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VIRTUAL CLASSROOM LIVE	$1,275 CAD	3 Day

Virtual Classroom Live Outline

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- Run a Macro

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- Understand the Code Window
- Understand Code Window Options
- Edit Code

Get Help

- Use .CHM or .HLP Files
- Close the Visual Basic Editor

Work with Objects

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Work with Forms and Controls

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PRIVATE GROUP TRAINING	3 Day

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