Excel Class Training

VBA Online Training Outline

Lesson 1
Macros - Recording
Macros - Triggering
Macros - Editing
Save As Macro Enabled
Macro Security

Lesson 2
Edit Macros - VB Editor
Password Protect VBA Code
Edit Macros - Debug Step
Write VBA Programs to Call Macros
Variables and Constants
Variable Concatenation and Substitution

Lesson 3
Writing VBA Programs Without Macros
Pseudocode
Whitespace
Variables - Detailed
Navigate Cells
Range Object
Name Ranges
Cells Object
Column and Row Objects
Selection Object
Offset Property
End Property
Find the Last Row of Data
Cell Visibility Considerations
Navigate Sheets
Add and Name Sheets
Named Arguments
Count Sheets
Sheet Visibility
Navigate Workbooks
Passwords on Workbooks

Lesson 4
Copy, Paste, PasteSpecial
Find Command
Read From Cells
Write To Cells
For Loops

Lesson 5
Error Handling
Coding Exercises with Day 4-6 Keywords
Make Code Run Faster

Lesson 6
Functions - Intrinsic
Formulas and Functions with VBA
Function Approach To Find Last Row

Lesson 7
User Defined Functions
Dialogs
Variable Data Type Conversion Functions
Workbook Events
This Workbook Object
Worksheet Events
Intersections
Select Case Decision Control Structures

Lesson 8
Pass Variables Between Subs
Local Versus Global Variable Declaration
Data Validation and Data Filters
Coding Exercises with Day 8-9 Keywords

Lesson 9
Coding User Forms Part 1

Lesson 10
Coding User Forms Part 2

Lesson 11
Indefinite Loops - While/Wend, Do/While,
Do Until
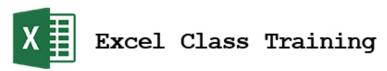Object Variables
Array Varaibles

Lesson 12
Automate Charts

Lesson 13
Pivot Tables

Lesson 14
Communicate With Other Office Programs:
Word, PowerPoint

Excel Class Training

Lesson 15
Communicate with
Databases, Access and SQL
Set VBA Programs to Run
At Specific Days and Times

Lesson 16
Communicate with
Windows Control Panel

Lesson 17
Coding To Modify Ribbon
Save as an Add In

Lesson 18
Read and Write To External Text Files
Loop Through A Folder
Import and Parse PDFs

Lesson 19
Class Modules
Properties