

Excel VBA & Macros Level II

Course Overview

Our Advanced Excel VBA Training will teach you to automate tasks, and streamline workflow, using Macros. Excel VBA Macros Level 2 is our advanced class, which assumes a familiarity with the basic Macro concepts, introduced in our Level 1 Excel VBA Class. An understanding of the skills taught in VBA Excel Classes will empower the user to utilize all of the tools taught, in our Excel courses, in the most efficient and powerful manner.

1. VBA Editor

Project Explorer
Properties Window
Modules

2. Creating / Editing Code

Functions
Events

3. Invoking Macros

Worksheet Buttons
Customize Ribbon

4. Compiling Code

Stepping through code
Setting Breakpoints

5. Variables

Declarations
Option Compare Text
Option Compare Binary
Lifetime and Scope

6. Working with The Object Model

Application
Workbook

7. Creating & Naming Objects

Naming conventions
Housekeeping

8. Navigation / Selection Techniques

Absolute versus Relative Reference
Offsets

9. Logic Statements

Nested IF Statements
Case Statements

10. Functions

Intrinsic Functions
User Defined Functions

11. Looping Statements

For Each Next Loops

12. Interactive Code

User Forms - dashboards
Message Boxes

13. Error Handlers

Error numbers
Error descriptions