

# Excel VBA and Macros Level II

In this advanced VBA & Macros training class, you will write scripts, create automated event processes & more.

Group classes in NYC and onsite training is available for this course. For more information, email [hello@nobledesktop.com](mailto:hello@nobledesktop.com) or visit: <https://www.nobledesktop.com/classes/excel-vba-and-macros-level-ii>



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## Course Outline

### Lesson 1: VBA Editor

- Project Explorer
- Properties Window
- Modules

### Lesson 2: Creating / Editing Code

- Functions
- Events

### Lesson 3: Invoking Macros

- Worksheet Buttons
- Customize Ribbon

### Lesson 4: Compiling Code

- Stepping through code
- Setting Breakpoints

### Lesson 5: Variables

- Declarations
- Option Compare Text
- Option Compare Binary
- Lifetime and Scope

### Lesson 6: Working with The Object Model

- Application
- Workbook

### Lesson 7: Creating & Naming Objects

- Naming conventions
- Housekeeping

## **Lesson 8: Navigation / Selection Techniques**

- Absolute versus Relative Reference
- Offsets

## **Lesson 9: Logic Statements**

- Nested IF Statements
- Case Statements

## **Lesson 10: Functions**

- Intrinsic Functions
- User Defined Functions

## **Lesson 11: Looping Statements**

For Each Next Loops

## **Lesson 12: Interactive Code**

- User Forms - dashboards
- Message Boxes

## **Lesson 13: Error Handlers**

- Error numbers
- Error descriptions