

# Excel VBA and Macros Level I (Self-Paced)

Learn how to build macros, run calculations, and more in this beginner VBA and Macros course. From getting familiar with macros and VBA to writing and editing your own code, this course walks you through the essential skills you'll need to automate Excel and boost your productivity.

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



[hello@nobledesktop.com](mailto:hello@nobledesktop.com) • (212) 226-4149

## Course Outline

### Lesson 1: Macros / VBA

- What are Macros?
- What is VBA?
- How to record macros
- How to run macros

### Lesson 2: VBA Editor

- Modules
- Procedures
- Project Explorer
- Toolbars / Options

### Lesson 3: Creating / Editing Code

- Create Procedures
- Subs
- Comments

### Lesson 4: Invoking Macros

- Hot Keys
- Quick Access Toolbar
- Call Command

### Lesson 5: Compiling Code

- Stepping through code

- Reset
- Run

### **Lesson 6: Variables**

- Declarations
- Option Explicit
- Data Types

### **Lesson 7: Working with The Object Model**

- Worksheets
- Ranges: Rows, Columns, Cells

### **Lesson 8: Creating & Naming Objects**

- Naming conventions
- Housekeeping

### **Lesson 9: Navigation / Selection Techniques**

- Formula R1C1 Reference Style
- Offsets
- Range Names

### **Lesson 10: Logic Statements**

IF Statements

### **Lesson 11: Looping Statements**

Do Loops

### **Lesson 12: Interactive Code**

- Input boxes
- Message boxes

### **Lesson 13: Error Handlers**

Preventing fatal errors and crashes