

# Excel VBA and Macros Level I

In this beginner VBA & Macros course, you will learn to develop macros, perform calculations & more.

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



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## 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