COURSE SYLLABUS

Excel VBA and Macros Level I

Learn how to develop macros, perform calculations, and more in this beginner VBA and Macros course. From understanding macros and VBA to creating and editing code, this course will teach you the essential skills to automate Excel and enhance your productivity.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/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