Excel VBA and Macros Level I

Take the first steps to learn Visual Basic for Applications (VBA), Microsoft's programming language. You'll work more quickly and efficiently by using VBA to automate tasks and eliminate errors. By the end of the course, you'll be able to write code, record macros, and troubleshoot common errors with your code.

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