COURSE SYLLABUS

Excel Programming with VBA

In this hands-on course, learn how to automate repetitive tasks in Microsoft Excel using VBA programming. Develop macros, custom commands, and new worksheet functions to streamline your Excel workflow and increase 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-programming-with-vba



hello@nobledesktop.com • (212) 226-4149

Course Outline

This package includes these courses

- Excel VBA and Macros Level I (6 Hours)
- Excel VBA and Macros Level II (6 Hours)

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.

- Write and run basic macros to automate tasks
- Use macros to format worksheets efficiently
- Build interactive worksheets using VBA elements
- Automate tasks across multiple worksheets
- Perform calculations using VBA to enhance spreadsheet functionality

Excel VBA and Macros Level II

Learn VBA and macros to automate tasks and extend Excel's capabilities. This course covers the VBA Editor, writing and editing code, working with objects, logic statements, functions, looping, interactive code, and error handling.

- Write and edit VBA code in the VBA Editor and invoke macros to automate repetitive tasks
- Navigate workbooks using offsets, named ranges, and variables, and control variable lifespan and scope
- Analyze data using looping structures combined with If and Case statements
- Build user interface structures to capture multiple variable inputs interactively
- Create automated, event-driven processes and handle unexpected errors and events gracefully