COURSE SYLLABUS

Excel Programming with VBA (Self-Paced)

In this hands-on course, you'll learn how to automate repetitive tasks in Microsoft Excel using VBA programming. You'll build macros, custom commands, and new worksheet functions that streamline your Excel workflow and boost your productivity.

> Group classes (Live Online) 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-self-paced



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

Course Outline

This package includes these courses

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

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.

- Write and run basic macros to automate everyday tasks
- Apply macros to format worksheets quickly and efficiently
- Build interactive worksheets using VBA elements
- Automate tasks across multiple worksheets at once
- Run calculations using VBA to expand what your spreadsheets can do

Excel VBA and Macros Level II (Self-Paced)

Learn VBA and macros to automate tasks and expand Excel's capabilities. This course walks you through 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, while controlling variable lifespan and scope
- Analyze data with looping structures paired with If and Case statements
- Build user interface structures that capture multiple variable inputs interactively

- Create automated, event-driven processes and handle unexpected errors and events gracefully