COURSE SYLLABUS

Excel VBA and Macros Level II Course (Self-Paced)

Get practical experience with VBA and macros in this hands-on training course. You'll explore everything from the VBA Editor and writing and editing code to invoking macros, working with objects, logic statements, functions, looping, interactive code, and error handling.

> Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/excel-vba-and-macros-level-ii-course-self-paced



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Course Outline

Lesson 1: VBA Editor

- Project Explorer
- Properties Window
- Modules

Lesson 2: Creating / Editing Code

- Functions
- Events

Lesson 3: Invoking Macros

- Worksheet Buttons
- Customize Ribbon

Lesson 4: Compiling Code

- Stepping through code
- Setting Breakpoints

Lesson 5: Variables

- Declarations
- Option Compare Text
- Option Compare Binary
- Lifetime and Scope

Lesson 6: Working with The Object Model

- Application
- Workbook

Lesson 7: Creating & Naming Objects

- Naming conventions
- Housekeeping

Lesson 8: Navigation / Selection Techniques

- Absolute versus Relative Reference
- Offsets

Lesson 9: Logic Statements

- Nested IF Statements
- Case Statements

Lesson 10: Functions

- Intrinsic Functions
- User Defined Functions

Lesson 11: Looping Statements

For Each Next Loops

Lesson 12: Interactive Code

- User Forms - dashboards
- Message Boxes

Lesson 13: Error Handlers

- Error numbers
- Error descriptions