COURSE SYLLABUS

Excel VBA and Macros Level II Course

Learn VBA and macros with this training class. Topics covered include VBA Editor, writing and editing code, 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



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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