

## VBA Macros

Duration 48 Hrs.

### Macros / VBA

- What are Macros?
- What is VBA?
- How to record macros
- How to run macros

### VBA Editor

- Modules
- Procedures
- Project Explorer
- Toolbars / Options

### Creating / Editing Code

- Create Procedures
- Subs
- Comments

### Invoking Macros

- Hot Keys
- Quick Access Toolbar
- Call Command

### Compiling Code

- Stepping through code
- Reset
- Run
- Preventing fatal errors and crashes

### Variables

- Declarations
- Option Explicit
- Data Types

### Working with The Object Mode

- Worksheets
- Ranges: Rows, Columns, Cells

### Creating & Naming Objects

- Naming conventions

### Navigation / Selection Techniques

- Formula R1C1 Reference Style Offsets
- Range Names

### Logic Statements

- IF Statements

### Looping Statements

- Do Loops
- Interactive Code Input boxes
- Message boxes
- Error Handlers

### Interactive Code

- Input boxes
- Message boxes

## Error Handlers

### VBA Editor

- Project Explorer
- Properties
- Window Modules

### Creating / Editing Code

- Functions
- Events

### Invoking Macros

- Worksheet Buttons
- Customize Ribbon

### Compiling Code

- Stepping through code
- Setting Breakpoints

### Variables

- Declarations
- Lifetime and Scope

### Functions

- Intrinsic Functions
- User Defined Functions
- Looping Statements For Each Next Loops
- Interactive Code User Forms

### Error Handlers

- Error numbers
- Error descriptions

### Project

