

Course Outline

Excel VBA PROGRAMMING



Duration: 1.5 day (9 hours)

Learning Objectives:

- Use Visual Basic for Applications terminology; start Visual Basic Editor; work with object properties, methods and events; execute code by using a button; and use the Object Browser
- Manipulate data by declaring variables and procedures of current scope to be used when and where you need them
- Use decision structures to perform decision tasks and loop structures to perform repetitive tasks
- Add a user form to your project, add controls to it, handle events associated with form controls, and validate data entry on forms

Identify errors in code, use the debugging tools and write error-handling code to trap errors

Target Audience:

Students should have familiarity with personal computers and the use of the keyboard and mouse. They should have completed introduction, intermediate and advanced courses in Excel or have equivalent practical experience.

Topics Covered:

- Visual Basic Editor
 - Visual Basic for Applications • Object programming • The Object Browser
- Programming basics
 - Working with data • Scope of variables • Scope of procedures
- Control structures
 - Using decision structures • Using loop structures
- Working with custom dialog boxes
 - User forms • Handling events
- Debugging and error-handling
 - Errors in code • Using debugging techniques • Error-handling