

## Course Outline

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### Excel VBA 2010



**Duration:** 1.5 day (9 hours)

#### Learning Objectives:

This ILT Series course is designed to give experienced Excel 2010 users proficiency in creating procedures that run in response to specific events, working with control structures, developing user forms to accept or display data, validating the data entry in user forms, and debugging and handling errors in code.

#### 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:

- Unit 1: Visual Basic Editor
  - Topic A: Visual Basic for Applications
  - Topic B: Object programming
  - Topic C: The Object Browser
- Unit 2: Programming basics
  - Topic A: Data basics
  - Topic B: Scope of variables
  - Topic C: Scope of procedures
- Unit 3: Control structures
  - Topic A: Decision structures
  - Topic B: Loop structures
- Unit 4: Custom dialog boxes
  - Topic A: User forms
  - Topic B: Events
- Unit 5: Debugging and error handling
  - Topic A: Errors
  - Topic B: Debugging
  - Topic C: Error handling