

Microsoft® Office Excel® 2010: Level 3

Course Specifications

Course length: 1.0 day(s)

Course Description

Course Objective: You will automate some common Excel tasks, apply advanced analysis techniques to more complex data sets, troubleshoot errors, collaborate on worksheets, and share Excel data with other applications.

Target Student: This course was designed for students desiring to gain the skills necessary to create macros, collaborate with others, audit and analyze worksheet data, incorporate multiple data sources, and import and export data.

Prerequisites: To ensure your success, we recommend that you first take the following courses or have equivalent knowledge:

- *Microsoft® Office Excel® 2010: Level 1*
- *Microsoft® Office Excel® 2010: Level 2*

Course Objectives

Upon successful completion of this course, students will be able to:

- Enhance productivity and efficiency by streamlining the workflow.
- Collaborate with other workbook users.
- Audit worksheets.
- Analyze data.
- Work with multiple workbooks.
- Import and export data.
- Integrate Excel data with the web.
- Structure workbooks with XML.

Course Content

Lesson 1: Streamlining Workflow

Topic 1A: Update Workbook Properties

Topic 1B: Create a Macro

Topic 1C: Edit a Macro

Topic 1D: Apply Conditional Formatting

Topic 1E: Add Data Validation Criteria

Lesson 2: Collaborating with Other Users

- Topic 2A:** Protect Files
- Topic 2B:** Share a Workbook
- Topic 2C:** Set Revision Tracking
- Topic 2D:** Review Tracked Revisions
- Topic 2E:** Merge Workbooks
- Topic 2F:** Administer Digital Signatures
- Topic 2G:** Restrict Document Access

Lesson 3: Auditing Worksheets

- Topic 3A:** Trace Cells
- Topic 3B:** Troubleshoot Invalid Data and Formula Errors
- Topic 3C:** Watch and Evaluate Formulas
- Topic 3D:** Create a Data List Outline

Lesson 4: Analyzing Data

- Topic 4A:** Create a Trendline
- Topic 4B:** Create Sparklines
- Topic 4C:** Create Scenarios
- Topic 4D:** Perform a What-If Analysis
- Topic 4E:** Perform a Statistical Analysis with the Analysis ToolPak

Lesson 5: Working with Multiple Workbooks

- Topic 5A:** Create a Workspace
- Topic 5B:** Consolidate Data
- Topic 5C:** Link Cells in Different Workbooks
- Topic 5D:** Edit Links

Lesson 6: Importing and Exporting Data

- Topic 6A:** Export Excel Data
- Topic 6B:** Import a Delimited Text File

Lesson 7: Integrating Excel Data with the Web

- Topic 7A:** Publish a Worksheet to the Web
- Topic 7B:** Import Data from the Web
- Topic 7C:** Create a Web Query

Lesson 8: Structuring Workbooks with XML

- Topic 8A:** Develop XML Maps
- Topic 8B:** Import and Export XML Data