

**Course Description:** Learn a variety of advanced functions and formulas to increase your effectiveness in Excel and save you time. Manage and organize multi-sheet workbooks. Create and use templates. Protect formula cells. Create customized reports using filters, multi-sheet referencing and automatic subtotaling. Learn to visually represent data with charts.

**Module 1: Managing Multi-Sheet Workbooks**

- Naming Worksheets
- Moving and Copying Worksheets
- Inserting and Deleting Worksheets
- Linking Cells across Multiple Worksheets
- Naming Cells and Ranges
- Printing a Range
- Outlining Spreadsheets
- Using Go To and Go To Special
- Grouping Worksheets
- Modifying Data & Formatting on Multiple Sheets
- Navigating Multiple Sheets

**Module 2: Learning Advanced Functions**

- Function Structure and Arguments
- Creating and Applying Range Names
- Calculating with Financial Functions
- Using Date and Time Functions
- Using the IF Function
- Understanding the AND Functions
- Using the OR Function
- Sum Non-Contiguous Data
- Combining Functions and Formulas
- Absolute Cell Referencing in Formulas & Functions
- Protecting Formula Cells

**Module 4: Managing Excel Lists**

- Understanding Excel Lists
- Filtering Data with AutoFilter
- Using Data Type Filters
- Filter by Selection
- Using the Search Filter
- Clearing Filters
- Single Column Sorting
- Multi-Column Sorting
- Sorting by Cell or Font Color
- Keeping the Header Row Visible
- Validating List Entries
- Using the Subtotal Function
- Creating a Subtotal Report
- Adding Multiple Subtotals
- Viewing Report Levels
- Removing Subtotals

**Module 4: Creating Charts**

- How to Organize Data to be Charted
- Selecting a Chart Type
- Changing the Chart Type
- Choosing a Chart Style
- Embedded Charts versus Chart Sheets
- Adding and Editing Chart Labels
- Charting Non-Contiguous Data
- Adding a Trendline
- Creating a Chart Fast!!
- Creating Advanced Charts
- Sparklines

**Module 5: Appendix**

- Advanced Filters
- Data Validation
- What is a Template?
- Saving a Workbook as a Template
- Using Templates