

Excel: Formulas and Functions Part 2



This course is designed for the Advanced Excel user that is comfortable with basic formulas and functions and would like to explore more of the functions that the package has to offer. If you have a good working experience of Excel but wish to get a better hold on formulas and functions, this course is meant for you.

Pre requisites: Advanced Excel training or equivalent experience working with Excel

Formula and Function Tips and Shortcuts

- Troubleshooting formulas
- Understanding Excel's error values, handling them and using error checker
- Understanding names and conditional formatting formulas

Information, Lookup and Reference IF and Related Functions

- Extracting information with Cell and Info Functions
- Using ISBLANK, ISODD, ISEVEN, ISTEXT, And ISNUMBER
- Nested IF statements
- Using the AND, OR, and NOT functions with IF
- Nesting LOOKUP (V and H) functions
- Finding table-like information within a function - CHOOSE
- Locating data
- Retrieving information by location – INDEX
- Using MATCH and INDEX together

Working with Math and Statistical Functions

- Working with rounding functions
- Using rounding to prevent calculation errors
- Generating random numbers
- The MOD function
- Finding the middle value - MEDIAN
- Ranking data without sorting - RANK
- Finding the magnitude data - LARGE and SMALL
- Using the Analysis Toolpak Statistical tools

Array formulas and functions

- Learn about array formulas
- Learn about array constants
- Create one-dimensional and two-dimensional constants
- Putting basic array formulas to work
- Putting advanced array formulas to work

Business and Modeling features:

- Using Excel's Business modeling tools
- Tracking trends and forecasts
- Solving problems with solver
- Building loan and investment formulas