

# Microsoft Excel 365 - Advanced

GoSkills online course syllabus

Tuesday, March 11, 2025

<b>Skill level</b> Intermediate	<b>Lessons</b> 36	<b>Accredited by</b> CPD
<b>Pre-requisites</b> <a href="#">Excel - Basic</a>	<b>Versions supported</b> 2010, 2013, 2016, 2019, 2021, 365	<b>Video duration</b> 3h 18m
<b>Estimated study time</b> 14h for all materials	<b>Instructor</b> Ken Puls	

## Essential Formula Knowledge

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- 1 Understanding Dates**  
Understand how dates work in Excel using the TODAY, YEAR, MONTH, DAY, and DATE functions.
- 2 Understanding Time**  
Understand how time works in Excel and how to change from whole numbers into time increments and back again.

## Intermediate Formula Knowledge

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- 3 Formula Auditing**  
Learn to work with formula auditing tools including tracing precedent and dependent cells and formula evaluation.
- 4 The LET Function**  
Learn to use LET to simplify complex formulas and make them easy to debug.
- 5 Temporal Functions**  
Learn to work with the EOMONTH and EDATE functions that easily shift dates from one month or year to another.
- 6 VLOOKUP with Approximate Match**  
Learn to use VLOOKUP to find an approximate match and return it or the corresponding value from another column.
- 7 VLOOKUP with Exact Match**  
Learn to use VLOOKUP to find an exact match and return it or the corresponding value from another column.

**8** Other Lookup Methods  
Learn to work with INDEX, MATCH, and HLOOKUP as alternatives to the VLOOKUP function.

**9** Introduction to XLOOKUP  
An introduction to the new XLOOKUP function. Bye, bye other lookups!

## Optimizing Data

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**10** Naming Ranges  
Learn about creating named ranges and the benefits of doing so.

**11** Excel Tables  
Learn about creating Excel tables and their advantages.

**12** Recording Macros  
Learn to record basic Excel macros to automate your actions instead of doing them manually.

## Data Analysis

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**13** Creating PivotTables  
Learn to create and modify basic PivotTables for quickly summarizing and highlighting data.

**14** Formatting PivotTables  
Learn to control formatting and other options in PivotTables.

**15** Calculated Fields in PivotTables  
Learn to create and modify basic calculated fields for PivotTables.

**16** What-If Analysis  
Learn to perform what-if analysis in Excel using the Scenario Manager and Goal-Seek.

## Getting and Transforming Data

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**17** Unpivoting Data  
If you work with PivotTables a lot, you know that they put information out the way users want to read it, but you can't use it to drive another PivotTable. So what if there was an easy way to unpivot the data? There is, and it's called Power Query!

- 18** **Contiguous Data**  
Learn tricks for consolidating your data so it's vertically contiguous (without blank rows) – for Tables, PivotTables, and Charts.
- 19** **Importing from Text Files**  
Importing data from a text file into an Excel table.
- 20** **Appending Tables**  
Appending tables is the process of stacking them vertically to create long tables that can be used to feed business intelligence solutions and PivotTables.

## Presenting and Reporting

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- 21** **Outlining**  
Learn about adding and working with Excel's outlining tools to quickly hide irrelevant sections of your worksheet.
- 22** **Custom Number Formats**  
Learn to build your own custom number formats to display dates, values, and variances how you want to see them.
- 23** **Conditional Formats with Built-In Rules**  
Learn to create top/bottom and highlight cell rules, as well as apply icon sets and data bars.
- 24** **Conditional Formats with Custom Rules**  
Learn to create custom conditional formatting rules based on formulas.
- 25** **Building Combination Line and Area Charts**  
When you want to graph 3 line series, but only want 2 in focus most of the time.

## Validating and Updating

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- 26** **Data Validation**  
Learn how to use Data Validation to ensure that users enter valid data in input cells.
- 27** **Data Validation Lists**  
Use to restrict users' ability to enter invalid data in cells by providing them with a drop-down list of valid options.
- 28** **Styles**  
Learn how to apply built-in number styles and create your own custom styles packages.

# Dynamic Arrays

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- 29** Introduction to Dynamic Arrays  
An introduction to the new Dynamic Arrays capability added to Microsoft 365.
- 30** Introduction to FILTER  
Learn how to filter a range of data based on criteria you define with the FILTER function.
- 31** FILTER and 'IFS' Functions  
Using FILTER to restrict the results of a Dynamic Array based on one or more conditions.
- 32** FILTER with AND-OR Conditions  
Combining multiple conditions in a single FILTER to restrict the results of a Dynamic Array.
- 33** XLOOKUP and Dynamic Arrays  
Advanced options for XLOOKUP including using wildcard matches and returning Dynamic Arrays as an output.

# Preparing to Deploy

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- 34** Custom Views  
Learn how to create and manage Custom Views in a worksheet.
- 35** Page Setup Options  
Learn about page setup options, fitting print jobs on a page, headers and footers, and other ways to customize print jobs.
- 36** Security Considerations  
Learn about the setup and weaknesses of Excel's security systems.

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