MICROSOFT EXCEL FOR LEGAL PROFESSIONALS
Covering Excel for Windows Versions 2013, 2016, 2019, 2021 and Microsoft 365
LEAVE THE TRAINING TO US.

- Comprehensive digital courses
- Affordable membership plans
- On-demand training videos
- Live training sessions
- “Ask the Expert” sessions
- Customizable training plans

**Affinity Insight** offers insightful training programs created by legal professionals for legal professionals. Our digital courses and training membership plans give you access to some of Affinity’s most dynamic law firm management and legal technology trainers—not just for a day or a week, but all year long. Join live training sessions with your peers or learn at your own pace with bite-sized, on-demand training modules. Design a custom training plan for yourself or everyone in your firm. Learn more at [https://affinityinsight.com](https://affinityinsight.com)
MEET OUR TEAM OF EXCEL EXPERTS

Meet our team of Excel experts who have co-authored this manual.

**BARRON HENLEY**

Most people wouldn’t relish the idea of spending a day in a conference room, teaching core production tools. Barron is not most people. There are few things Barron enjoys more than teaching all-day software classes.

As an attorney, he understands how challenging it is to practice law without the proper training on the technology tools. When Barron isn’t training people, he focuses on automating documents and teaching CLE classes for attorneys across North America.

**JOHN FEDERICO**

With a drive to make software bend to his will, John pushes the limits of what Excel can do with complex formulas and macros. His experience practicing law taught him the value of analyzing data efficiently.

When John isn't working in Excel, he focuses on automating complex documents with document automation software. He's passionate about creating a simple user interface, reducing the amount of data entry required to generate complex documents. Never one to back down from a challenge, John will find a way to make anything happen.
As an Excel junkie, Danielle loves to simply complex workbooks and simplify the user experience. Between naming cells and employing the power of conditional formatting, Danielle has more than a few tricks up her sleeve.

Passionate about remote learning, Danielle is the force behind Affinity's membership training program, Affinity Insight. Danielle focuses on creating easily accessible training materials and webinars tailored to meet each organization's needs.

When Danielle isn't providing remote training, she focuses on teaching CLE via webinar and providing legal organizations with the advice they need to run smoothly. With a background practicing law at a boutique firm, Danielle understands the challenges that legal professionals face every day.
# TABLE OF CONTENTS

## CHAPTER 1 INTRODUCTION
- How to Use This Manual ................................................................. 1
- How Legal Professionals Use Excel .................................................... 1
- Why Legal Professionals Need to Learn Excel .................................... 2
- Current File Types ........................................................................... 2

## CHAPTER 2 INTERFACE
- File Menu/Backstage View .............................................................. 4
- Quick Access Toolbar ...................................................................... 4
- Tabs ................................................................................................. 4
- Contextual Tabs .............................................................................. 5
- Ribbon ............................................................................................ 5
- Ribbon Controls ............................................................................. 5

## CHAPTER 3 EXCEL BASICS
- What is a Workbook? ....................................................................... 7
- Navigating Cells ............................................................................. 8
- File Operations ............................................................................... 8
- Getting Help .................................................................................. 9
- Selecting Cells ............................................................................... 9

## CHAPTER 4 ENTERING DATA
- Best Practices ................................................................................ 10
- Entering Data ................................................................................ 10
- Data Classification ......................................................................... 10
- Editing Cells .................................................................................. 11

## CHAPTER 5 FORMATTING WORKSHEETS
- Applying Formatting to Cells .......................................................... 12
- Formatting Numbers ...................................................................... 12
- Formatting Dates ........................................................................... 15
- Text Overflow ............................................................................... 16
- Alignment ...................................................................................... 19
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENTERING TEXT ACROSS MULTIPLE COLUMNS</td>
<td>21</td>
</tr>
<tr>
<td>CHAPTER 6 INTRODUCTION TO FORMULAS</td>
<td></td>
</tr>
<tr>
<td>Definition</td>
<td>23</td>
</tr>
<tr>
<td>Functions</td>
<td>23</td>
</tr>
<tr>
<td>Order of Operations - How Excel Processes Formulas</td>
<td>25</td>
</tr>
<tr>
<td>CHAPTER 7 AUTOFILL AND THE FILL HANDLE</td>
<td></td>
</tr>
<tr>
<td>Fill Handle</td>
<td>27</td>
</tr>
<tr>
<td>Built-In AutoFill Examples</td>
<td>27</td>
</tr>
<tr>
<td>Custom AutoFill Lists</td>
<td>28</td>
</tr>
<tr>
<td>AutoFilling Formulas</td>
<td>29</td>
</tr>
<tr>
<td>CHAPTER 8 CELL REFERENCES</td>
<td></td>
</tr>
<tr>
<td>Read Ins</td>
<td>31</td>
</tr>
<tr>
<td>Absolute Cell References</td>
<td>32</td>
</tr>
<tr>
<td>CHAPTER 9 CELL NAMES</td>
<td></td>
</tr>
<tr>
<td>Renaming Cells</td>
<td>34</td>
</tr>
<tr>
<td>Naming Ranges</td>
<td>36</td>
</tr>
<tr>
<td>Using Cell Names</td>
<td>36</td>
</tr>
<tr>
<td>Managing Cell Names</td>
<td>37</td>
</tr>
<tr>
<td>CHAPTER 10 COPYING INTO WORD</td>
<td></td>
</tr>
<tr>
<td>Simple Word Table</td>
<td>39</td>
</tr>
<tr>
<td>Insert Worksheet Object</td>
<td>39</td>
</tr>
<tr>
<td>Link To Source Workbook</td>
<td>41</td>
</tr>
<tr>
<td>CHAPTER 11 REVIEWING AND PROTECTING CELLS</td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>42</td>
</tr>
<tr>
<td>Protecting Cells</td>
<td>44</td>
</tr>
<tr>
<td>CHAPTER 12 CALCULATING TOTALS</td>
<td></td>
</tr>
<tr>
<td>Column and Row Totals</td>
<td>45</td>
</tr>
<tr>
<td>Sub Totals</td>
<td>46</td>
</tr>
<tr>
<td>Running Totals</td>
<td>48</td>
</tr>
</tbody>
</table>
# TABLE OF CONTENTS

## CHAPTER 13 FILTERING AND SORTING
- Filtering .......................................................................................................................... 49
- Sorting ............................................................................................................................ 50

## CHAPTER 14 CALCULATING LOAN PAYMENTS

## CHAPTER 15 CALCULATING DATES
- Adding Days and Weeks ............................................................................................... 55
- Adding Months ................................................................................................................ 56

## CHAPTER 16 IF THIS, THEN THAT
- IF Function .................................................................................................................... 59
- IFS (365) ......................................................................................................................... 60
- SWITCH (365) ................................................................................................................. 61

## CHAPTER 17 NESTING FORMULAS
- Using Multiple Cells ..................................................................................................... 63
- Using Nested Formulas ................................................................................................. 64
- Nesting IF Functions ..................................................................................................... 64

## CHAPTER 18 CONDITIONAL FORMATTING
- Setting Up Conditional Formatting ................................................................................... 67
- Example: Conditionally Shading Blank Cells ................................................................. 68
- Managing Conditional Formatting .................................................................................. 69

## CHAPTER 19 HEADERS, FOOTERS, AND PRINTING
- Page Layout View .......................................................................................................... 72
- Headers/Footer ............................................................................................................... 72
- Printing Gridlines ......................................................................................................... 73
- Printing Row and/or Column Headings ......................................................................... 74
- Repeating Row and/or Column Labels (Titles) .............................................................. 74
- Fitting Text on a Page When Printing ............................................................................ 75
- Printing a Particular Section or Range ........................................................................... 76

## CHAPTER 20 CHARTS AND GRAPHS
- Why Would a Legal Professional Need Charts or Graphs? ............................................. 77
- Charting Data ................................................................................................................. 77
# Chapter 21: Excel as a Mail Merge Data Source

- Client Communication Mail Merge ................................................................. 80
- Formatting A Date Merge Field ........................................................................... 81

# Chapter 22: Manipulating Text

- Combine & Splitting Text ..................................................................................... 83
- Change Case ........................................................................................................ 86

# Chapter 23: Looking Up Values in a List

- VLOOKUP ............................................................................................................. 88
- XLOOKUP (365) ................................................................................................. 89
- Looking Up Data Across Workbooks ................................................................. 89

# Chapter 24: Data Validation

- Add Data Validation .......................................................................................... 91
- Dropdown Options ............................................................................................. 92
- Dates .................................................................................................................. 93
- Numbers ........................................................................................................... 95

# Chapter 25: Tables

- Advantages ........................................................................................................ 96
- Inserting Tables ............................................................................................... 96
- Automatic Header Rows .................................................................................. 97
- Automatic Total Rows ..................................................................................... 98
- Automatic Expansion ....................................................................................... 98
- Formula Replication ......................................................................................... 100
- Table Styles .................................................................................................... 100
- Sorting and Filtering ....................................................................................... 102
- Removing Duplicate Data ............................................................................... 104
- Structured Referencing .................................................................................... 105

# Chapter 26: PivotTables

- Creating PivotTables ....................................................................................... 107
- Filtering PivotTables ....................................................................................... 109
- Customizing Values ......................................................................................... 112
- Subtotals and Grand Totals ............................................................................ 114
# TABLE OF CONTENTS

- Updating Data .............................................................................................................................. 116
- Working With Dates ...................................................................................................................... 118
- Appearance .................................................................................................................................. 120
- PivotTable Examples ..................................................................................................................... 123

## CHAPTER 27 GOAL SEEK AND SCENARIO MANAGER

- Goal Seek ................................................................................................................................... 125
- Scenario Manager ......................................................................................................................... 126

## CHAPTER 28 OTHER MISCELLANEOUS TIPS & FORMULAS

- Change the Default Fonts ............................................................................................................. 129
- Paste The Value, Not The Formula ............................................................................................... 129
- Quick Analysis (2016/19/21/365) ................................................................................................. 130
CHAPTER 12
CALCULATING TOTALS

Column and Row Totals

There are multiple ways to calculate column and row totals in Excel.
While you may be tempted to use the + symbol to add cells (ex: A2+B2+C2), if you are adding a range of cells, this is inefficient. Instead, use the SUM function.

Sum Function

The SUM function can be inserted by typing it, using in the Insert Function button, or on the Formula ribbon ➤ Math & Trig dropdown ➤ SUM.

The SUM function arguments are relatively simple. Enter the range of cells to total. You can enter more than one range.

![FIGURE 12-1 AutoSum](image)

AutoSum

The AutoSum button will attempt to do the work for you.
1. Click in the cell where you want the total.
2. On the Formulas ribbon, click on the AutoSum button. (It is also available on the Home ribbon).
3. Excel will try to determine what you want to total. It will tentatively select the range to total. If it does what you want, click Enter. If not, select a new range and click Enter.

Sub Totals

Sometimes you need to calculate a subtotal (a conditional sum). To create a conditional sum, you want to use the SUMIF function. It has three arguments. The first is the range of cells to be evaluated. The second is the criteria against which to evaluate those cells. The third is the range of cells to sum (this argument is optional - you do not need it if you are summing the same cells as the ones being evaluated).

In the example below, we need to calculate the subtotal for each type of property. The range to be evaluated is the B2:B10 - the cells that list the property type. The range to be summed is C2:C10 - the cells with the value in them.

![Excel spreadsheet showing a conditional sum example]
2. Click the **Insert Function button** or **Formula ribbon**.

3. Click on the **Math & Trig category**, then scroll down the list of corresponding functions and click on **SUMIF**. As you can see, SUMIF adds the cells specified by a given condition or criteria.

4. If using the Insert Function button, click **OK**.

5. Click in the **Range box** and then select cells the cells to evaluate: B2:B10.

6. In the **Criteria box**, enter the text "tangible" (including the quotation marks - 2019/365/2021 will add them for you).

7. In the **Sum_range box**, select cells to be summed: C2:C10.

8. Click **OK**.

9. Repeat this function with the appropriate changes for the other subtotals.
Running Totals

To create a running total (such as the running total of medical expenses below), you need two formulas. First, you need to read in the initial amount. Then you need add the next amount to the previous total.

1. Click in cell for the first total: E7.
2. Read in the first amount: =D7.
3. Click in the cell for second total: E8.
4. Add the new amount to the prior total: =E7+D8.
5. Use the Fill handle to copy the formula down. (See Chapter 7.)
LEAVE THE TRAINING TO US.

- Comprehensive digital courses
- Affordable membership plans
- On-demand training videos
- Live training sessions
- “Ask the Expert” sessions
- Customizable training plans

Affinity Insight offers insightful training programs created by legal professionals for legal professionals. Our digital courses and training membership plans give you access to some of Affinity’s most dynamic law firm management and legal technology trainers—not just for a day or a week, but all year long. Join live training sessions with your peers or learn at your own pace with bite-sized, on-demand training modules. Design a custom training plan for yourself or everyone in your firm. Learn more at https://affinityinsight.com