Excel 2007

Basics

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INTRODUCTION

Excel 2007 is a very powerful and capable program; however, unless you understand the basics of using Excel, you won't get much out of it.

This guide introduces you to the basics of Excel so that you can begin to make use of this popular spreadsheet program. The important elements of the Excel screen are shown to you so that you can get a quick idea of what's going on. Then it will show you how to create a simple spreadsheet, move around in Excel, edit your data, enhance the look of your spreadsheet, and use some of Exce's great features.

The following pages present a brief introduction to selected features in Excel 2007. Those who use an Apple Macintosh computer for Excel can also utilize this documentation. There is little difference between platforms once the application is open besides the new ribbon (toolbars) in 2007. Just remember that this document is written for Excel 2007 and may contain updated features that may not exist in other versions. Note that the document is not intended to cover all ways in which the basic features can be used or accessed.

Have fun Excelling at work and remember that with practice, this program will become very simple to use.

OVERVIEW

When you start a new learning experience, the first task is to learn the language. You need to know what the basic elements are and where to find them. This document will help you learn the language of Microsoft Excel 2007 by understanding the basics of spreadsheet functions, capabilities, and the tools necessary.

What is a Spreadsheet Program?

A spreadsheet program uses worksheets and workbooks. A worksheet is like a traditional accounting ledger. It is divided into a grid of columns and rows. You can use an array of numbers and text on a worksheet. Spreadsheet programs have the ability to perform an assortment of functions. They are popular because they represent a better alternative to manually computing mathematical calculations and can be more accurate and time saving. In addition, with Excel numerical data in a spreadsheet can be converted easily into a chart for graphical presentation of the data.
Microsoft Excel 2007

Microsoft Excel is a spreadsheet program that allows you to perform various calculations, estimations, and formulations with data. Excel 2007 is designed to work with texts and numbers by storing them in columns and rows. It makes core spreadsheet functionality more accessible to all users. Formula creation, printing, and formatting allow easy access to the basic operations of the program.

Excel 2007 permits:

- A wide selection of fonts and options to be used in the creation of worksheets and allows you to create an impressive spreadsheet presentation.
- Microsoft Excel includes a varied library of chart types that can be incorporated into spreadsheets to visually display data.
- Has a basic database capability. Databases can be used in conjunction with spreadsheets. Simple databases can be constructed directly in the Excel program.

The primary focus of this document is on Excel’s spreadsheet capabilities and functions and the basics about using Excel 2007.

Excelling at Work with Excel 2007

As a guide to Excel 2007 basics, this document presents an overview that will help a beginner build a simple worksheet and understand the basics of Excel 2007. The Excel application has a complete and useful on-line help available through the Help menu as well.

This document assumes:

- You have a working knowledge of the Windows 95, 98, 2000, NT or XP environment including the use of a mouse.
- For our Macintosh users, this document can be utilized for MS Excel 98 through 2004 for the basics of Excel. There is relatively little difference in the platforms and the versions at the basic level.

Launching Your Excel Application

1. Select the Start button on the Taskbar at the bottom left corner of your screen.
2. Point to All Programs.
3. Select Microsoft Office 2007 from the submenu, and then select Microsoft Excel.
THE NEW LOOK IN OFFICE 2007

The New Look and Feel in Office 2007

The Office 2007 suite of software, which includes Excel, Word, Access and PowerPoint, now has a new look and feel to the layout of the menus and toolbars.

- The traditional toolbars as we know them in previous versions have been reorganized into a Ribbon.
- The tools that you are familiar with in previous versions are now displayed in tabs on the ribbon rather than in menus on the toolbar.
- A Microsoft logo has been added to the upper left hand corner of each window. This logo is an active File menu. When the button is clicked, it will display a menu list to perform common functions like Open, Save, Print, Close.

This documentation will orient you to the new terminology used and where to locate necessary elements.

Changes to Note

Office 2007 uses a new format when saving documents. This new format is NOT Backwards compatible. This means that if you share a document you have created in 2007 with someone who is using an earlier version of MS Office applications, they will not be able to open your document.

What Are Your Options?

a) Save to an earlier version of Word. Do a “Save As” and in the Save as type field, choose MS Office for 97-2003. This will allow users with versions other than 2007, to open and work in your document.

b) Users, who are working with an earlier version of MS Office, can download and install a compatibility pack. This will enable them to open a document saved in 2007 format without you having to remember to save it as an earlier version. This link provides a bit more information:

**TOOLS & FUNCTION**

**Ribbons, Tabs and Toolbar**

**Terms and Function**

Figure 1 – The New Look of the Toolbar

1. **Microsoft Office Button** – Replaces the File menu. Commands found:
   - Open
   - Save
   - Print

**Note:** It contains these common file and system commands and more (see Figure 2).

Figure 2 – Microsoft Office Button Menu Options
2. **Quick Access Toolbar** – Contains shortcuts for the tools more commonly used. This can be customized to contain shortcuts that you use the most. By default, this toolbar will contain:
   - Undo
   - Redo

3. **Tab Bar** – Replaces the menus traditionally used in prior versions. The Tab bar contains tabs. Each tab when selected displays groups of tools and commands in the ribbon associated with the tab (see Figure 3). For example, the **Home** tab contains the following commands:
   - Font Formatting
   - Alignment
   - Number Formatting
   - Styles

   ![Figure 3 – Tab Bar](image)

4. **Ribbon** – when a tab is selected, the ribbon displays a grouping of tools for that tab (see Figure 4).

**The Workbook Window**

The workbook window displays the Active Excel worksheet. It is comprised of rows and columns. The columns are labeled with the letters of the alphabet, i.e. A, B, C, etc. The rows are numbered down the left side. Rows and columns intersect to form cells. Each cell can be referenced via its column name followed by its row number. For example, the intersection of row 2 and column B is cell B2 (see Figure 4).

![Figure 4 – The Excel Workbook Window](image)
1. **Worksheet Area** – Displays the current worksheet.
2. **Sheet Tabs** – Displays tabs for the sheets in the current workbook.
3. **Status Bar** – Contains worksheet information and shortcuts.

### Using the Ribbon

The ribbon contains commands grouped by task.

**Figure 5 – The Ribbon**

- **The Tab Bar** – Contains tabs that display tools and commands in the ribbon. Each tab displays different functions.
- **The Command Button** – is the short-cut icon on the ribbon, used to perform a specific function.
- **The Group** – contains functions related to that specific grouping,
- **The Launcher** – The launcher opens a dialog box which contains more options for the selected group (see Figure 6).

**Figure 6 – Using the Launcher to open a group dialog box**

### Customizing the Quick Access Toolbar

The **Quick Access Toolbar** can be customized to meet your personal needs.

1. Select the **Customize Quick Access Toolbar** icon (see Figure 7).
2. A menu box opens (see Figure 8).

Figure 8 – Quick Access Toolbar Menu

3. Select More Commands from the resulting menu.

4. The Quick Access Toolbar Excel Options Dialog box appears (see Figure 9).

Figure 9 – Quick Access Toolbar (Excel Options Dialog Box)
5. Select the drop-down arrow on the Choose commands from field box and select a category from the resulting menu.

6. Select the command you want to add from the left-hand side and then select the Add button. This adds the command to the right. The commands that appear on the right are the ones that will appear in the Quick Access Toolbar.

7. To remove a command from the toolbar, go to the right, select the command that you want to remove, and then select the Remove button.

8. Select the OK button when you are finished.

**Note**: To quickly add a default command button to the Quick Access Toolbar, click the Customize Quick Access Toolbar button and select a command from the resulting menu (see Figure 8).

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**GETTING STARTED**

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*Understanding the Excel Environment*

**What is a Workbook?**

A workbook is a file that contains worksheets. It is the electronic equivalent of a three ring binder. A single workbook can contain many, many worksheets. It is the normal document or file type in Excel.

**What is a Worksheet?**

Think of a worksheet as a page within a binder. A worksheet is divided into a grid of columns and rows in which you input your data.

**The Workbook Window**

An Excel workbook window is shown in Figure 1.

**The Worksheet Window**

The worksheet window displays the Excel worksheet. It is comprised of rows and columns. The columns are labeled with the letters of the alphabet, i.e., A, B, C, etc. The rows are numbered down the left side. Rows and columns intersect to form cells. Each cell can be referenced via its column name followed by its row number. For example, the intersection of row 2 and column B is cell B2.
1. **Workbook File Title Bar** – when the workbook is saved for the first time, the file name will appear in the title bar.

2. **Microsoft Office Button** – contains common file system commands.

3. **Tab Bar** – contains tabs that display tools and commands in the ribbon.


5. **Worksheet Area** – displays the current worksheet.

6. **Workbook Sheet Tabs** – displays tabs for the sheets in the current workbook.

7. **Status Bar** – contains worksheet information and short-cuts.

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**Navigating in a Workbook**

- At the bottom of the workbook window (where the sheet tabs are located) are a number of controls you can use to move from worksheet to worksheet within a workbook.

- Use the four tab scrolling arrow buttons in the lower, left corner only when you have more worksheets in a workbook than can be displayed at once.

- The tab split box can be dragged to change the number of sheet tabs displayed. To reset the tab display, simply double-click the tab split box.

- The scroll bars located to the right of the worksheet is another way to navigate in a worksheet.

- The down arrows allow you to move forward and backward in your document.
Selecting a Range (or Block of Cells)

1. Select the first cell you want to include in the range.
2. While holding the mouse button down, drag the mouse to include all cells you want to include in the range.
3. Release the mouse button. The range is selected.

ENTERING DATA INTO EXCEL

Entering Data and Using Formulas

There are three kinds of data you can enter into your Excel worksheet:

1. Text (a label).
2. A number (a value)
3. A formula.

Entering a Label (Text) or a Value (Number)

1. Select the cell where you want to enter a label or a value (see Figure 1, below).
2. Type a label (text) or a value (number). A label can include uppercase and lowercase letters, spaces, punctuation, and numbers. When typing values, do so without commas and dollar signs. You can format them later using the Format menu.
3. Press the Enter key on your keyboard.

Figure 1 – Worksheet Window
EDITING CELL CONTENTS

There are several ways Excel allows you to edit cell content.

1. In-Cell Editing
2. Function Bar Editing

In-Cell Editing

In-Cell editing allows you to edit the information right in the cell itself. To do this:

1. Select the cell you wish to edit by double-clicking on it. The insertion point appears within the cell.
2. Make Corrections. You may use the mouse pointer or the arrows. Home and End keys to position the insertion point. You may also use the Backspace and Delete keys to erase unwanted characters.
3. Type new characters if necessary.
4. Press the Enter key on your keyboard to accept the edit, or press ESC to cancel it.

Function Bar Editing

Edits can also be performed right in the function bar. The function bar is located in the toolbar section.

Figure 1 – Function Bar

1. Select the cell you wish to edit.
2. Single-click within the function bar. The insertion point appears within the bar.
3. Make necessary corrections or additions.
4. Press the Enter key on your keyboard to accept the edit.
COPYING AND PASTING CELL CONTENTS

The Microsoft Office software allows for many ways to copy cell contents. The command buttons on the Ribbon and using the right click of your mouse are just a few. Which way you choose is your personal preference.

**Using the Ribbon Toolbar**

1. Select the cell or the range that contains the data you want to copy.

2. Select the **Copy** button on the **Ribbon** toolbar (see Figure 1, below). An outline of the selected cells, called a marquee (looks like scrolling lines around the selected range of cells), shows the boundary of the selected cells.

![Figure 1 – Clipboard Group on Ribbon](image)

3. Select the first cell where you want to paste the data.
4. Select the **Paste** button on the **Ribbon** toolbar.

**Using the Right-Click Button on Your Mouse**

1. Select the cell or the range that contains the data you want to copy.
2. Right-click your mouse. A pop-up shortcut menu appears along with a formatting toolbar (see Figure 1).

![Figure 1 – Right-Click Shortcut Menu](image)
3. Select **Copy**.
4. Select the cell where you want to paste the data.
5. Right-click again.
6. Click **Paste**.

### MOVING CELL CONTENTS

You can avoid retyping information by using the **Move** feature in Excel. It is very simple to perform and can save you many keystrokes.

Start by:

1. Highlight the cell or the range that contains the data you want to move.
2. Move your mouse cursor to one of the thick black outside lines surrounding your selection. Your cursor will change from a white plus sign to a black arrow.
3. Press and hold your mouse button down and drag the selected range of data to where you want to relocate it.
4. Release the mouse button.

**Note:** Excel has moved the entire contents of the cell as well as any formatting that was applied to the cell or range of cells.

### DELETING CELL AND RANGE CONTENTS

Excel allows you to delete the contents of a single cell or the contents of a range of cells at one time.

**Delete Unwanted Information from a Range of Cells**

1. Select the cell or range in which you wish to delete the information (see Figure 1, below).

Figure 1 – Selecting a Range of Cells
2. Right-click the mouse button anywhere in the boundary of the highlighted range.
3. Select Clear Contents in the pop-up shortcut menu that appears.

The contents of the cell or cells selected are now cleared.

**USING AUTOFILL**

**Copying a Formula to Other Cells Using AutoFill**

The AutoFill function will allow you to quickly and easily continue a formula down and across a range of cells relative in a worksheet. This function can save a lot of time where you would have to manually input the formula otherwise.

1. Select the cell that contains the formula you want to copy or continue.
2. Move the mouse pointer over the small black box, call the Fill Handle (see Figure 1, below), located in the lower, right corner of the active cell. The mouse pointer will turn into a black plus sign when you are properly over the handle.

Figure 1 – AutoFill Handle

3. Select and hold the mouse button down while dragging the Fill handle to highlight the range you want to copy the formula to.
4. Release the mouse button. The formula is copied into the selected range of cells.

**INSERTING & DELETING ROWS AND COLUMNS**

**Inserting a Blank Row or Column**

Sometimes when setting up a worksheet you realize that you do not have a row where you need it or you have a need for an additional column after you create your worksheet.

To insert a blank row or column into your worksheet:

1. Move the mouse pointer to the row or column heading where you want to insert the blank row or column. The row or column heading area is the gray area where the row numbers are to the left, or the column headings A, B, C are located at the top of the worksheet. The mouse pointer will turn to a black arrow pointing down the row or column (see Figure, below).
2. Select on the row or column heading.
3. The row or column will highlight (see Figure 2 and 3).

**Note:** Inserting a blank column uses the same steps as inserting a blank row with the exception of selecting the column where you want to insert and selecting **Columns** from the Insert menu.

4. Select Insert on the Menu bar, and then select Rows or Columns on the sub-menu.
   - For Rows – a blank row will be inserted about the selected row.
   - For Columns – a blank column will be inserted to the left of the column.

**Note:** Multiple rows or columns can be inserted in the same steps when highlighting the range of rows or columns you want to insert. For example, if you highlight a range of 3 rows, then proceed with the **Insert Rows** command; Excel will insert 3 blank rows.

---

**Deleting a Row or Column**

Any row or column can be deleted from a worksheet. When a row or column is deleted, all the information that was contained in the row or column is also deleted. To delete rows or columns follow these steps:

1. In the row or column headings, highlight the range of rows or columns to clear (see Figure 4, below).
Figure 4 – Selecting a Column

2. Right-click within the highlighted range and select **Delete** from the submenu. The rows or columns that were selected will be deleted.

Figure 5 – Right-Click Menu
CHANGING ROW HEIGHTS OR COLUMN WIDTHS

**Changing Row Heights of Column Widths**

Sometimes, you may need to manually adjust a column or row’s width or height in order to accommodate the information within the row or column.

There are several ways to change the width of a column(s) or height of a row(s). Select the range of rows or columns that you want to change. It could be one or ten or more rows/columns.

Figure 1 – Selecting a Range of Columns

![Table](http://example.com/table.png)

**Changing Column Width**

1. While holding the left mouse button down, drag the right-column border (the vertical line break between the columns) with the mouse until the column is the desired width.

OR

Double-click the right border of the column header to set the column width automatically to the widest entry in the column.

**Changing Row Height**

Excel adjusts row heights automatically to accommodate the tallest font in the row. However, you can set the row height manually by using several techniques. As with columns, you can select multiple rows.

1. Drag the lower row border with the mouse until the row is the desired height.

OR

Double-click the bottom border of the row to set the row height automatically to the tallest entry in the row.

To select multiple rows, either select and drag in the row header or press the Ctrl key while you individually select the rows.
FORMATTING WITH BORDERS

Borders are lines that go from cell boundary to cell boundary as opposed to underlining which only underlines the content of the cell.

**Inserting Borders**

To insert a border line in a selected range of cells, rows or columns:

1. Select or highlight the range of cells to apply the border.

2. From the **Home** tab, select the drop-down arrow beside the **Border Command** button on the **Ribbon** (see Figure 1).

3. From the resulting menu, select **More Borders**.

4. The **Format Cells** dialog box displays (see Figure 2).
5. The selected border style can be applied by selecting any of the three options under the **Presets** category or by selecting any of the **Border** options.

6. Select the **OK** button.

**FONT AND FILL COLORING**

Color can be very effective. It can be used to emphasize a point, or it can also be used to help remind you of certain points in a worksheet. With Excel, you can colorize the text, or the background color of a cell.

**Font Color**

It is very simple to colorize the text in your worksheet. Just follow these steps:

1. Select the cell or range of cells.
2. Select the **Font Color** command button on the **Formatting** toolbar (see Figure 1).

Figure 1 – Font Color Command Button
3. Select the small, black drop-down arrow, to the right of the icon.
4. Excel displays a color palette (see Figure 2). Select the desired color.

Figure 2 – Color Palette

Fill Color

Colorizing the background of a cell or range of cells can help make items stand out. The steps are similar to those of font colorizing.

1. Select the cell or range of cells.
2. Select the Fill Color command button on the Ribbon (see Figure 3).

Figure 3 – Fill Color Command Button

3. Select the small, black drop-down arrow to the right of the icon.
4. A color palette displays. Select the desired color.

MAKING CHANGES TO THE SHEET TAB

Changing the Name of the Worksheet

Excel uses a default naming convention for its worksheets, such as Sheet1, Sheet2, and so on. This naming default is not very helpful or descriptive. It makes more sense to name your sheet something that is applicable to its contents, especially when you have multiple sheets in a workbook. Excel gives us the ability to rename worksheets.

To change a sheet’s name:

1. Double-click the sheet tab you want to change.
2. The sheet tab is highlighted (see Figure 1, below).
3. Type the new name.

4. Select the **Enter** key.

---

**Colorizing the Worksheet Tab**

With Excel’s XP version and up, the colorizing sheet tab feature has been added. Colorizing can be very useful for organizational purposes. To colorize your worksheet tabs follow this simple step:

1. Right-click on the sheet tab.

2. Select **Tab Color** from the pop-up menu (see Figure 2).

3. The color palette displays. Select a color.

---

**Note:** The active sheet tab is now underlined with the desired color. However, once the tab is inactive, the entire tab will be the desired color.
Inserting Additional Worksheets

Excel provides three (3) worksheets by default in a workbook. Excel allows you to insert as many worksheets in the workbook, as the memory of your computer will allow.

To insert a new worksheet, do one of the following:

1. To quickly insert a new worksheet at the end of the existing worksheets, select the Insert Worksheet tab at the bottom of the screen (see Figure 3).

Figure 3 – Insert Worksheet Tab

2. To insert a new worksheet before an existing worksheet, select that worksheet, and then on the Home tab, in the Cells group, select Insert, and then select Insert Sheet.

Figure 4 – Insert Worksheet Command

Note: You can also right-click the tab of an existing worksheet, and then click Insert. From the Insert Dialog box on the General tab, click Worksheet, and then click OK.

UNDERSTANDING FORMULA BASICS

Formulas make spreadsheets useful. Formulas are used to calculate results from the data stored in the worksheet. When the data changes, formulas produce updated results without extra effort on your part.

To add a formula to a worksheet, enter it into a cell. You can delete, move or copy formulas just like any other item of data. Formulas use arithmetic operators to work with values, text, worksheet functions, and other formulas to calculate a value in the cell.

Creating a Formula

A formula entered into a cell can consist of any of these elements:

- Operators such as + for addition and * for multiplication.
- Cell references, including named cells and ranges.
- Values or text.
- Worksheet functions such as SUM or AVERAGE.
**Benefits of Using Formulas**

When using a formula in your spreadsheet, (a cell containing a formula that references other cells), the sum will automatically change as other cell values referenced in the formula change. This feature is very valuable when editing or adding information to your worksheet. You do not have to remember to update other cells that rely on that cell’s information.

A formula always begins with an equal sign (=) followed by some combination of numbers, text, cell references, and operators. If a formula is entered incorrectly, an **ERROR IN FORMULA** message appears.

**Formula Operators**

An operator is a symbol that represents a mathematical or a logical operation. The most commonly used operators are **addition**, **subtraction**, **multiplication** or **division**. However, there are many more operators that can be used. Tables 1 and 2 (below) list the operators that can be used in Excel formulas and functions.

Figure 1 – Operator Tables (Logical & Arithmetic)

<table>
<thead>
<tr>
<th>TABLE 1. Logical Operators</th>
<th>TABLE 2. Arithmetic Operators</th>
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</thead>
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<tr>
<td>= Equal</td>
<td>+ Addition</td>
</tr>
<tr>
<td>&gt; Greater Than</td>
<td>- Subtraction</td>
</tr>
<tr>
<td>&lt; Less than</td>
<td>/ Division</td>
</tr>
<tr>
<td>&gt;= Greater than or equal to</td>
<td>* Multiplication</td>
</tr>
<tr>
<td>&lt;= Less than or equal to</td>
<td>% Percent</td>
</tr>
<tr>
<td>&lt;&gt; Not equal to</td>
<td>^ Exponentiation</td>
</tr>
</tbody>
</table>
**Arithmetic Operators**

**Arithmetic operators** are used in conjunction with numbers to create mathematical formulas. An example of a simple mathematical formula in Excel would be =23+5. When this formula is entered into a cell in the worksheet, the contents of the cell will read 28, while the **Formula Bar** will show the formula as =23+5. If the operator is changed to read =23-5, the cell contents changes to 18.

**Cell references** may also be used in formulas. For instance, assume you want the content of cell C5 to be the sum of values in cells A5 and B5. Instead of entering the values contained in cells A5 and B5 (and changing the formula each time those values change) you can enter the formula as =A5+B5. Excel will automatically take the values of A5 and B5 and enter them into the formula. The benefit of using cell references in your formula is that as the values change in the cells you reference in your formula, the value in C5 will automatically change to reflect the correct answer.

**How to Enter a Formula**

1. Select the cell you want to work with.
2. Type the = (equal sign) to begin the formula.
3. Type the first argument. An argument can be a number or a cell reference. You can type in the number, or if referencing a cell, you can single-click on the cell location, to have the cell reference automatically included in your formula.
4. Next, type an arithmetic operator (see Figure 1, above).
5. Enter the next argument.
6. Steps 4 and 5 can be repeated as many times as needed.
7. Press the **Enter** key. The result of the formula appears in the cell while the formula itself appears in the **Formula Bar**.
Worksheet Functions

Some formulas may be simplified by using worksheet functions. A worksheet function is a pre-written formula, a keyword that tells Excel what to do. For example, instead of typing \(=A1+A2+A3+A4+A5\), you may type \(=\text{SUM}(A1:A5)\). (The colon indicates the range from A1 to A5.) In this example, SUM is a function that Excel knows about. \textbf{It is important to use the correct syntax and format of a function for correct results.}

To enter a function, do the following:

1. Select the cell you want to work with.

2. Type \(=\) (equal sign), then type the name of the function, followed by an open parenthesis.

3. Select the cell you want to insert the function in.

4. Press the \textbf{Enter} key on your keyboard. Excel automatically adds the closing parenthesis to complete the function and displays the results in the cell.

Parentheses are used to separate different parts of a formula. For example, in the formula \(=\text{SUM}(A1:A5)\), the parentheses separate the worksheet function from the cell references that the function is referring to. This is particularly important in longer or more complicated functions, e.g., \(=((A2/4)+(A5-B3))^5\). If a mistake is made and the parentheses in a formula do not match, an error message appears.

The parts of a formula contained inside parenthesis are calculated first. Otherwise the order of operation is as shown in Table 3 (see Figure 3). If there are operators of equal precedence, the order of operation is from left to right.
Adding a Range Using the AutoSum Function

The **AutoSum** function is a great tool to use when you want to quickly add contents of a range of cells. It allows you to add cell content without having to manually input the formula or function.

1. Select the cell where you want the total to appear (usually the last cell in the column or row of cells that you want to add. The cell must be blank).

2. Select the **AutoSum** command button on the **Home** tab of the **Ribbon**. AutoSum inserts a formula that uses the **SUM** function. It displays a moving border that looks like scrolling lines around the selected range of cells. This is called a **Marquee**. Excel puts this around the range of cells it thinks you want to add, and inserts the range reference in the formula.

3. If this is the correct range, press the **Enter** key on your keyboard. If not, type or highlight the correct range and press **Enter**.
PAGE SETUP

The page setup is very important to the layout and printing of your worksheet. You may wish to perform the Page Setup function first, prior to inputting data on your worksheet.

There are several ways to approach the page set-up functions. The simplest is to:

1. Select the Print Titles command button on the Page Layout tab of the Ribbon.

2. The Page Setup dialog box appears (see Figure 1).

3. Use the Page tab to adjust the page orientation, paper size and print scaling.

4. Use the Margins tab to adjust the top, bottom, left and right margins as well as the header and footer margins.

5. Use the Header/Footer tab to create a custom header or footer.

6. Use the Sheet tab to print a selected area of the worksheet, repeat rows to print or print the gridlines.

Figure 1 – Page Setup Dialog Box
7. Select the OK button when finished.

**Note:** The Page Layout tab on the Ribbon contains many command buttons to define your page set-up as well.

## SAVING AND PRINTING

### Saving a Worksheet

1. Select the Save icon on the Quick Access toolbar.

Figure 1 – Quick Access Toolbar

2. If you want to save the worksheet to a different folder (optional), select the Microsoft Office button and select Save As.

3. The Save As dialog box appears.

4. From the Save As dialog box, type the new workbook name in the File Name field.

5. In the Save As type field, select the appropriate document type.

6. Select the Save button. The new name displays in the Title bar. Remember, the Title bar is the bar at the very top of the application window.

## PRINTING THE ENTIRE WORKSHEET

To print an entire spreadsheet quickly:

1. Select the Microsoft Office button.

2. Select Print from the menu (see Figure 1).

3. From the Preview and print the document menu, select the appropriate option.
PRINTING A SECTION OF A WORKSHEET

1. Highlight the range you wish to print.
2. Select File from the Menu bar and select Print to display the Print dialog box.
3. Under the Print What section, in the lower, left of the dialog box, select Selection. Make sure the circle is filled in.
4. Select the OK button.

Note: You may select other options in the Print window before you print your spreadsheet. For instance, you may print certain pages of your spreadsheet by filling the From: and To: boxes in the Print range area. You may also print several copies of your worksheet by selecting the Number of copies: option in the Print dialog box.
CLOSING AND EXITING EXCEL

There are multiple ways to close a worksheet:

1. Select the Microsoft Office button on the Menu bar.

2. From the menu, select Close (see Figure, below).

Figure 1 – Closing a Worksheet Using the MS Office Button

Alternatively, you can click the Close button (X) located in the upper, right-hand corner of the worksheet window, this is the lower and smaller of the two buttons (see Figure 2).

Figure 2 – The Close Button

EXITING EXCEL

To exit the program:

1. Click the Close button (X), located in the upper, right-hand corner of the worksheet window, this is the lower and smaller of the two buttons.

Note: If there are any open files that have not been saved since you last changed the worksheet, a dialog box will ask if you want to save the changes. Click Yes to save or No to ignore any changes you might have made. If no files are open or have been saved, Excel will close automatically.
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Troubleshooting and Support
If you experience problems getting started with Office 2007 contact the Help Center at x1400 or helpcenter@csun.edu.