Word 2007

Creating & Using Tables

IT Training & Development
(818) 677-1700
training@csun.edu
www.csun.edu/it/training
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INTRODUCTION

A table is a container for information which consists of horizontal rows and vertical columns. It provides a separate space for each of your important items so things are easy to find. Word tables are about displaying and managing content in your documents. Keep your table simple.

When you decide to use a table in Word, it should be created with accessibility in mind. Tables can be a useful tool to relay a sequence or categories of data. Anything other than a simple table can create challenges for assistive technology users.

This course documentation covers the new look and feel in Office 2007 and best practices for making basic tables accessible.

Anatomy and Sizing a Table

Tables are made up of cells, rows and columns, much like an Excel spreadsheet. Word tables have several types of handles and mouse pointers that enable you to manipulate them. Handles allow you to select and move a table or resize rows and columns by dragging.

- **Columns** run up and down the table and **Rows** run across the table (see Figure 1).

Figure 1 – Columns and Rows

![Columns](image1)

- **The Table Handle** box (Figure 2), appears when the mouse pointer is positioned over the table. By selecting the handle and holding down the left mouse button, the table can be moved.

Figure 2 – Table Handle and Resize Table Handle

![Table Handle](image2)

- **The Resize Table Handle** box located on the lower-right, bottom corner of the table (see Figure 2, above) also appears when the pointer is positioned over the table. Select, hold and drag this box to resize the entire table.
Caution: If the **Table Move Handles** are used to move a table, it enables text to wrap around your table. The table is turned into a floating object which can make the table and the document complex to manage. It is recommended that you use the **Cut and Paste** method for moving your table.

- Placing the mouse pointer over any column line will activate the **Column Sizing Handle** (Figure 3, below). Select, hold and drag the left mouse button to resize the columns.

**Figure 3 – Column Sizing Handle**

- Place the mouse pointer over a row line until you see the **Row Sizing Handle** (Figure 4). Select, hold and drag the row to make it larger or smaller.

**Figure 4 – Row Sizing Handle**

**CREATING A BASIC TABLE**

To insert a table into your document:

1. Place your cursor where you want your table to be inserted, and then select that spot.
2. Select the **Insert** tab (see Figure 1, below).

**Figure 1 – Insert Tab**

3. From the **Tables** group, select the **Table** command button (see Figure 2).

**Figure 2 – Table Button**
4. Select the desired table size by highlighting the number of squares representing the columns and rows, and then release the mouse button. The table appears (see Figure 3).

Figure 3 – Table (Size 5 x 2)

OR

5. Select the **Insert Table** menu option (see Figure 4).

Figure 4 – Insert Table Menu Option
6. If the **Insert Table** option is chosen, the **Insert Table** dialog box displays. In the **Table Size** section, enter the number of columns and rows (see Figure 5, #1).

Figure 5 – Insert Table Dialog Box

![Insert Table Dialog Box](image)

7. Select the **OK** button (Figure 5, #2) at the bottom of the window. A table appears in the place of your cursor. Shown below, is a 5 x 2 table.

Figure 6 – 5 x 2 Table

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Default Table Size**

When you first create a table, the table extends from the left margin to the right margin with the rows and columns evenly distributed (see Figure 7).

Figure 7 – Default Table Size

![Default Table Size](image)

**Set Formatting Marks**

When working with tables, it might be easier to display the formatting marks. Format marks help
you see the structure of the table for easier editing. To display formatting marks:

1. Select the **Home** tab.
2. From the **Paragraph** group, select the **Show/Hide** command button (see Figure 8).

![Figure 8 – The Show/Hide Command Button](image)

**Getting Around Your Table**

Point and click in any cell in the table to navigate through the table. The keyboard can be used as well to navigate. The **Tab** key will move to the right one cell at a time and **Shift +Tab** will move backward one cell at a time.

**ENTERING INFORMATION**

**Adding Text**

When text (or an image) is entered in a cell, the row height will automatically increase as necessary to accommodate the data.

To add text:

1. Select a cell. The flashing cursor should be inside the selected cell.
2. Begin typing.
3. Use the **Tab** key to move to the next cell.

**Note**: Format text in a table just as you do in the body of a document (see Figure 1).

![Figure 1 – Adding Text to a Table](image)
Adding a Graphic

Graphics can be inserted into an individual table cell by using the options on the Insert tab > Illustrations group. Consider your audience. Graphics in a table will make it more difficult for assistive technology users. For this reason, use caution if you decide to add a graphic. Is there an alternative way to convey the information? Best practices would be to have the graphic outside the table with an explanation of the graphic.

Inserting a graphic:

1. Select the cell.
2. From the Insert tab, in the Illustrations group, select Clip Art (see Figure 2). Other options in the Illustrations group are Pictures, Shapes, SmartArt and Chart.

Figure 2 – Clip Art Option

3. The Clip Art window displays. In the Search for field, enter a subject to search for (see Figure 3).

Figure 4 – Clip Art Window
4. Select the Go button.
5. Select the image you want to use by clicking on it.
6. The image can be resized by grabbing any of the picture handles. Just select and hold the handle while dragging to the desired size, and then release the mouse button (see Figure 5).

Figure 5 – Insert Graphic

7. An On Demand tab appears when the object is active (see Format tab, in Figure 6).
8. From the Format tab, Arrange group, select the Position Command button (see Figure 6). Choose the layout option for formatting the graphic.

Figure 6 – Format Tab & Position Command Button

9. The In Line with Text option will automatically set text to wrap around the object. This option allows the graphic to act like a text character so it can be formatted by using the font and paragraph formatting.
**Formatting the Graphic**

There are many graphic formatting options to choose from. The options can be viewed and chosen from the **Picture Tools** tab, **Format** tab (see Figure 7). Select the graphic to activate the **On Demand** tab.

**Figure 7 – Picture Tools Format Tab**

The following groups display in the **Ribbon:**

1. **Adjust** – six tools for adjusting picture attributes.
2. **Picture Styles** – provides a live preview of pre-defined styles to enhance your picture. Mouse-over a style to see its effect.
3. **Arrange** – provides commands to position the selected object on the page.
4. **Size** – features commands to crop the object as well as change the height and width of the object.

Experiment with these formatting options.

**Add Summary and Caption**

Provide a summary before a table structure describing the way the table is laid out. This allows a person using a screen reader to get an overview of the table layout before he/she starts to read the table. Also, just above the table, provide a label or caption (see Figure 8).

**Figure 8 – Adding a Summary and Caption to a Graphic**
ADDING ALTERNATIVE TEXT TO GRAPHICS

Alternative text (Alt text) is a textual description of an image. It is important to add Alt text to each graphic image so people who do not have graphics enabled on their systems, can see what the image represents. For example, if you insert a picture of a dove, the alternative text would be “Picture of a Dove”.

To Add Alt Text

1. Right-click on the graphic (see Figure 1).

   ![Figure 1 – Right-Click Menu on Dove Graphic](image)

2. Select **Size** from the menu.
3. The **Size** dialog box displays.
4. Select the **Alt Text** tab (see Figure 2).

   ![Figure 2 – Alt Text Tab](image)
5. Enter a brief description in the Alternative text field. If the file name is displayed, delete it and enter the description.
6. Select the Close button when finished.

EDITING A TABLE

When the table is the active object, an on-demand tab called Table Tools (yellow) displays (see Figure 1). It contains the Design and Layout tabs. Each tab displays its ribbon of commands. The tabs disappear when the table is not active.

To copy, move or perform a variety of easy editing tasks, first select the table or part of the table that will be affected.

Figure 1 – Editing a Table

Inserting Columns, Rows & Cells

To select parts of a table:

1. Select any cell, row or column.
2. From the Table Tools tab, select Layout tab.
3. In the Table group, select the Select button (see Figure 2).
4. From the Select menu, make the appropriate selection, Select Cell, Column, Row, or Table from the menu.

Figure 2 – Select Part of a Table
Tip: Selecting the Table Handle once, also selects the table.

5. From the Rows & Columns group:

- To insert a column, select the Insert Left or Insert Right command (see Figure 3).

Figure 3 – Insert Column Commands

- To insert a Row, select the Insert Below or Insert Above command (see Figure 4).

Figure 4 – Insert Row Commands

Tip: To add a new row to the end of an existing table, click once in the bottom right cell and press the Tab key.
• To insert a Cell:

1. Click on the **Rows & Columns Launcher** located in the lower, right corner of the group shown (see Figure 5).

![Rows & Columns Launcher](image)

**Figure 5 – Rows & Columns Launcher**

2. The **Insert Cells** dialog box opens. Make your selection, and then select **OK** (see Figure 6).

![Insert Cells Dialog Box](image)

**Figure 6 – Insert Cells Dialog Box**

**Shortcut Tips:**

• Right-click on the table after you’ve selected your column, row or cell. The following sub-menu appears for insert (see Figure 7).

![Short-cuts for Inserting Columns, Rows and Cells](image)

**Figure 7 – Short-cuts for Inserting Columns, Rows and Cells**
• Use the **Shift** key, plus the **Arrow** key (for example, SHIFT + LEFT ARROW) to select cells, rows, columns or a table.

**Deleting Columns, Rows & Cells**

1. Select one or more columns, rows or cells in the table.
2. Select the **Backspace** key on your keyboard.

OR

3. From the **Table Tools** tab, select the **Layout** tab.
4. In the **Rows & Columns** group, select **Delete** and then select your choice (see Figure 8).

![Figure 8 - Delete Feature](image)

**Heading Row**

Data tables should have a **Heading Row** to distinguish the heading text from the data area. It is best practice to establish heading rows. It assists screen readers in associating the cell content with the headers. Heading rows are also important if the table spans more than one page.

To repeat a heading row:

1. Select the first row of the table:

![Figure 9 - Heading Row](image)
2. From the **Table Tools** tab, select **Layout** tab.

3. In the **Data** group, select **Repeat Header Rows** (see Figure 10).

Figure 10 – Repeat Header Rows

4. Select **OK**.

**WHERE TO LEARN MORE**

**Help within Word**

Some commands offer more help by hitting the F1 key. See example below. Press F1 and a dialog box opens. Click on the X in the top right corner to exit.

Figure 1 – F1 Key for Help

Word also provides help by clicking on the question mark located on the top right edge of the **Home** bar (see Figure 2) In the search field, type in a command or ask how to do something.

Figure 2 – Word Help

By default, Word’s **Help Office Online** system is accessed (see Figure 3).

Figure 3 – Online Help Feature
Scroll down and select a topic or type in your keywords to search for.

**Microsoft on the Web**

Microsoft on the Web ([http://www.microsoft.com](http://www.microsoft.com)) provides links to web locations where you can find out more about Microsoft Word. It is a great source for learning; it provides a wealth of online training.

**TRAINING AND SUPPORT**

**IT Training**

**Contact Us:**
IT Training & Development  
Phone: (818) 677-1700 or x1700 (on campus)  
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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.