COMPREHENSIVE

SKIIS for success

with Microsoft®

Excel 2016

CHANEY ADKINS | HAWKINS





with Microsoft® Excel 2016 Comprehensive

CHANEY ADKINS | HAWKINS



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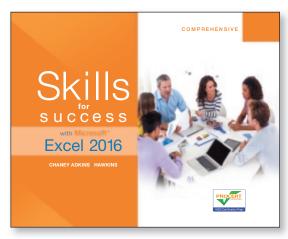
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Skills for Success Office 2016

With Microsoft Office 2016, productivity is truly possible anywhere, anytime! Understanding this and being able to think and adapt to new environments is critical for today's learners. The Skills for Success series focuses on teaching essential productivity skills by providing a highly visual, step-by-step approach for learning Microsoft Office. This concise approach is very effective and provides the depth of skill coverage needed to succeed at work, school, and for MOS certification preparation. Using this approach, students learn the skills they need, and then put their knowledge to work through a progression of review, problem-solving, critical thinking projects, and proficiency demonstration with the NEW Collaborating with Google projects. For Office 2016, MOS exam objectives are also woven into the lessons, so students can review and prepare as they learn. Combine the visual approach and real-world projects of the text with the matching, live-in-theapplication grader projects and high fidelity Office simulation training and assessments in MyITLab, and you have a truly effective learning approach!



Series Hallmarks

- Highly Visual Two-Page Landscape **Layout** — Gives students the visual illustrations right with the steps—no flipping pages
- Clearly Outlined Skills Each skill is presented in a single two-page spread so that students can easily follow along
- Numbered Steps and Bulleted Text Students don't read long paragraphs or text, but they will read information presented
- Wide Coverage of Skills Gives students the knowledge needed to learn the core skills for work success

Skills for Success with Microsoft Office 2016

concisely

Personalized, engaging, effective learning with MyITLab 2016

Using the Grader projects and MyITLab simulations, students receive immediate feedback on their work to ensure understanding and help students progress.

MylTLab Live-in-the-application Grader Projects—provide hands-on, autograded options for practice and assessment with immediate feedback and detailed performance comments. Grader projects cover all the skills taught in the chapter, including a new grader covering all four More Skills.

MyITLab Simulation Trainings and Assessment provide an interactive, highly-realistic simulated environment to practice the Microsoft skills and projects taught in the book. Students receive immediate assistance with the learning aids, Read, Watch, Practice, and detailed click stream data reports provide effective review of their work. In the simulation assessments, students demonstrate their understanding through a new scenario exam without learning aids. Please note that for chapters 5 – 10, the simulations are topic-based; they cover the skills in chapter, but are not based on the same scenario.

Current Content and Essential Technology Coverage

Three Fundamental Chapters cover the latest technology concepts, key Windows 10 skills, and Internet Browsing with Edge and Chrome. Windows 10 skills are covered in the MyITLab Windows 10 simulations.

Extensive coverage of key skills students need for professional and personal success.

Chapters cover 10 Skills through real-world projects to meet the Learning Objectives and Outcomes. All 10 Skills are covered in the MyITLab grader projects and training and assessment simulations.

More Skills are now included in the text instead of online. These projects go beyond the main skills covered to provide additional training and to meet chapter learning objectives. NEW MyITLab grader project covers the skills from all four.

MOS Objective integration ensures students explore the MOS objectives as they are covered in the text for exam awareness and preparation.

Collaborating with Google projects—require students to apply their knowledge with another tool, replicating real-world work environments.

MOS appendix and icons in the text allow instructors to tailor preparation for Microsoft Office Specialist candidates by mapping MOS requirements to the text.

Clearly Defined, Measurable Learning Outcomes and Objectives

Learning *Outcomes* and **Objectives** have been clarified and expanded at the beginning of each chapter to define what students will learn, and are tied to the chapter assessments for clear measurement and efficacy.

Wide range of projects to ensure learning objectives and outcomes are achieved

Objective-based: Matching & Multiple choice, Discussion; Review projects: Skills Review, Skills Assessments 1 & 2; Problem-Solving: My Skills and Visual Skills Check;

Critical Thinking: Skills Challenges 1 & 2 and More Skills Assessment

Application Capstone Projects provided for each application help instructors ensure that students are ready to move on to the next application. Also delivered as grader projects in MyITLab.

Integrated Projects follow each application so that as students learn a new application, they also learn how to use it with other applications. **Office Online Projects** provide hands-on experience with the web version of the Office applications to ensure students are familiar with the differences and become proficient with working between different versions of the tools.

Effective Learning Tools and Resources

Project Summary Chart—details the end of chapter projects from review, and problem-solving, to critical thinking, and demonstration of proficiency. Skills Summary Chart lists all the Skills and Procedures and shortcut keys covered in the chapter making remembering what was covered easier! Watch Skill Videos (formerly Student Training videos) are author-created training videos for each Skill in the chapter! Makes learning and remediation easier. Linked in ebook.

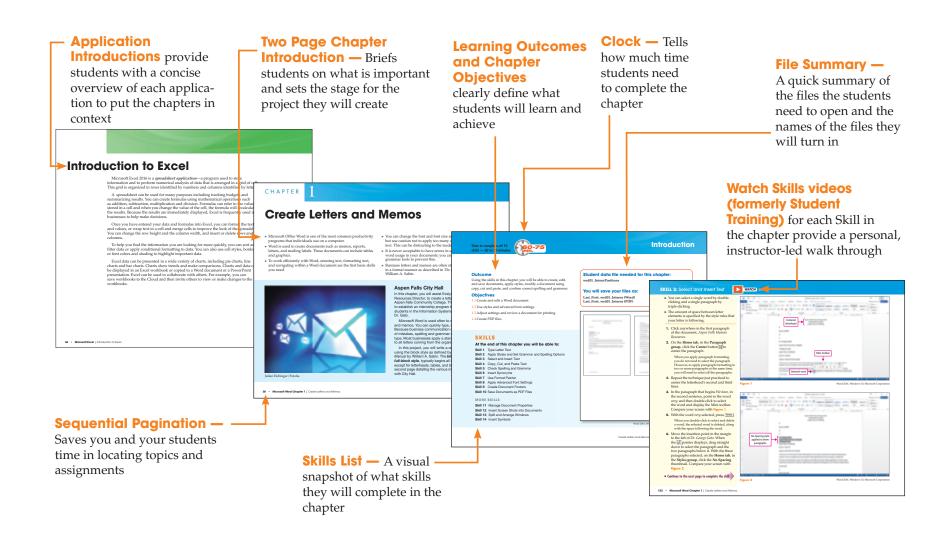
Wide screen images with clear callouts provide better viewing and usability.

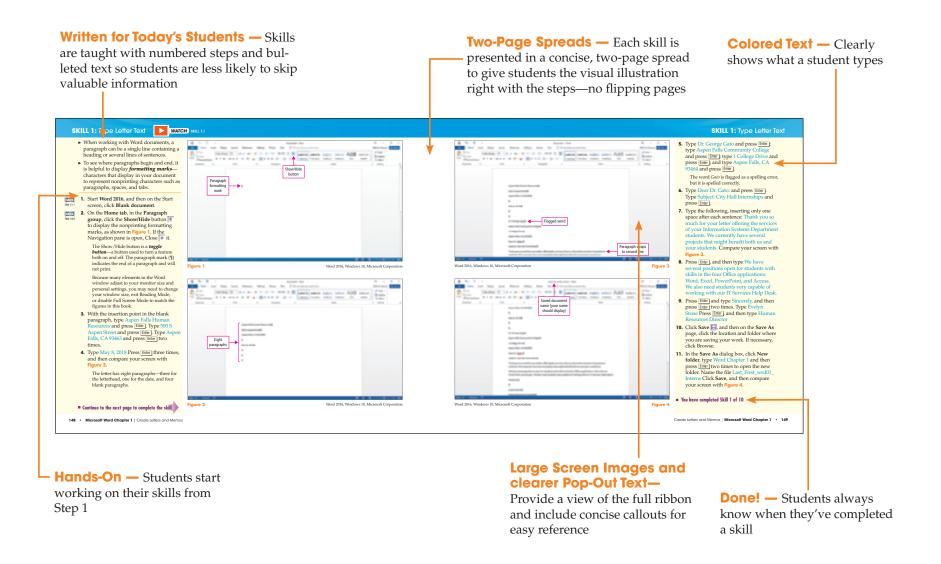
Application Introductions provide a brief overview of the application and put the chapters in context for students.

Stay Current

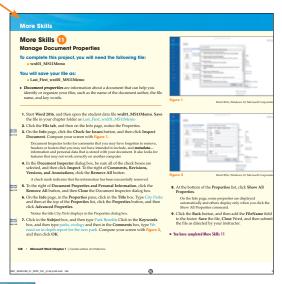
IT Innovation Station keeps you up to date with Office and Windows updates, news, and trends with help from your Pearson authors! Look for the IT "Innovation Station," articles on the MyITLab Community site. These monthly articles from Pearson authors on all things Microsoft Office, include tips for understanding automatic updates, adjusting to and utilizing new capabilities, and optimizing your Office course.

with Microsoft® Excel 2016 Comprehensive

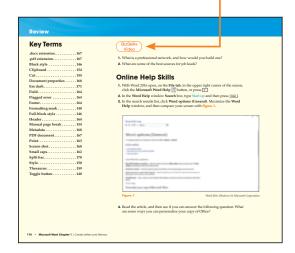


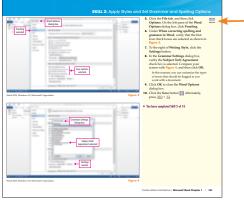


More Skills — Additional skills previously provided online are now included in the chapter to ensure students learn these important skills.



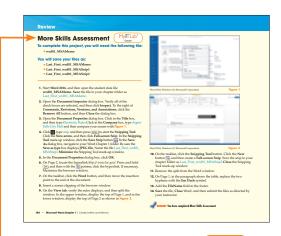
BizSkills Videos and Discussion Questions — Covering the important business skills students need to succeed: Communication, Dress for Success, Interview Prep, and more





MOS Objectives —

Integrated into the text for quick review and exam prep.



More Skills Assessment —

Covers the core skills from the the four More Skills projects in a linear project that tells students what to do, but not necessarily how to do it.



covered.

table — Provides quick

overview of objectives

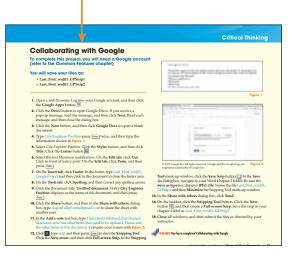
Skills and Procedures Summary

Chart — Provides a quick review of the skills and tasks covered in each chapter



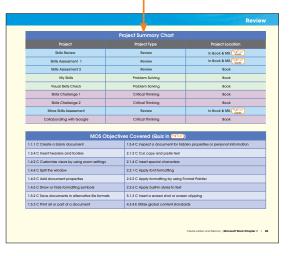
NEW Collaborating with Google —

Hands-on projects that allow students to apply the skills they have learned in a Google project to demonstrate proficiency.



NEW Project Summary

Chart — Provides an overview of project types and locations.



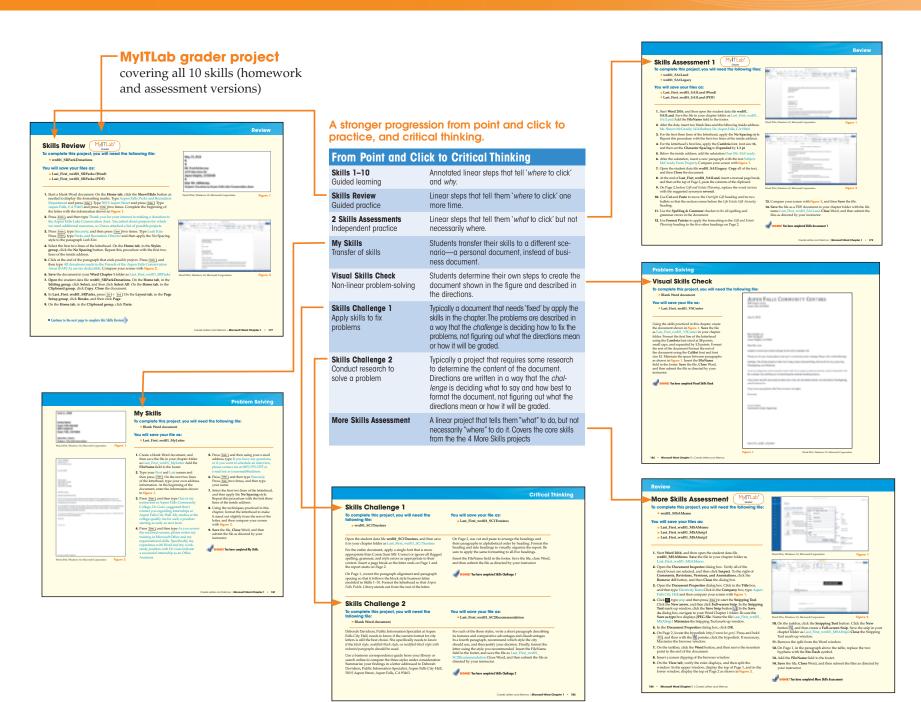
CAPSTONE PROJECT To complete this project, you will need the following files: wrd_CAPVsitUs wrd_CAPFstival Start Word 2016, and then open the student data file word, CAPVisitUs. Use Save As to create a folder named Word App Level Projects and then save the fails to the folder a Last, Pistor, word, CAPVinds, Its bare the FileName field in the closul increasing rightly the formulating marks.
 Use Find and Replace to replace all occurrences of City of Aspen Falls with Change the document's theme to Ion Beardroom, and then in the first line of
the letterhead, change the font size to 18, apply the Small caps effect, and then
set the character spacing to Expanded by 2 pt. 4. In the letter greeting, change the word Mrs. to Mr In the first letter body paragraph, insert a footnote after the word interns. For the footnote, type the following (include the period): This intern is majoring Near the bottom of Page 1, after the text City Hall, insert a ma and then compare your screen with Figure 1. At the top of Page 2, delete the blank paragraph, and then select the text
Aspert Falls. Change the Font to Verdana and the size to 42 and then apply the
Gradient Fill - Orange, Accent 4, Outline - Accent 4 text effect.

Application Capstones — For each

application we provide two comprehensive projects covering all of the Skills. The capstones are available as a Homework and Assessment version, with the Assessment version earning a MIL Badge. Also available as a Grader project in MyITLab.

Office Online (formerly Web App) Projects — Students use Cloud computing to save files; create, edit, and share Office documents using Office Online; and create Windows Live groups.





MyITLab (MyITLab)

Skills for Success combined with MyITLab gives you a completely integrated learning solution: Instruction, Training, & Assessment

- eText
- Training & Assessment Simulations
- Grader Projects

Student Resources and Videos!



All Student and Instructor

Materials available

Watch Skills videos (formerly Student Training) — Each skill within a chapter comes with an instructor-led video that walks students through how to complete the skill.

BizSkills Video

BizSkills Videos and discussion questions cover the important business skills students need to be successful— Interviewing, Communication, Dressing for Success, and more.

Student Data Files — are all available on the Companion Website using the access code included with your book. pearsonhighered.com/skills

PowerPoint Lectures — PowerPoint presentations for each chapter

Audio PPTs —Provide an audio version of the PowerPoint presentations for each chapter

Instructor Materials

Application Capstone Projects — Covering all of the Skills for each application. Also available as MyITLab grader projects

Instructor's Manual — Teaching tips and additional resources for each chapter

Student Assignment Tracker — Lists all the assignments for the chapter; you just add in the course information, due dates and points. Providing these to students ensures they will know what is due and when

Scripted Lectures — Classroom lectures prepared for you

Annotated Solution Files — Coupled with the scoring rubrics, these create a grading and scoring system that makes grading so much easier for you

PowerPoint Lectures — PowerPoint presentations for each chapter

Audio PPTs —Provide an audio version of the PowerPoint presentations for each chapter

Prepared Exams — Exams for each chapter and for each application

Detailed Scoring Rubrics — Can be used either by students to check their work or by you as a quick check-off for the items that need to be corrected

Syllabus Templates — For 8-week, 12-week, and 16-week courses

Test Bank — Includes a variety of test questions for each chapter

in MyITLab.



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to the first edition publication of this
series—Skills for Success with Office 2007.
The series has truly benefited from her
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of this series.

Common Features of Office 2016

- ▶ Microsoft Office is a suite of several programs—Word, PowerPoint, Excel, Access, and others.
- ► Each Office program is used to create different types of personal and business documents.
- ► The programs in Office 2016 share common tools that you use in a consistent, easy-to-learn manner.
- ▶ Some common tasks include opening and saving files, entering and formatting text, inserting pictures, and printing your work.
- ▶ Because of the consistent design and layout of the Office applications, when you learn to use one Microsoft Office application, you can apply many of the same techniques when working in the other Microsoft Office applications.



lculig/Fotolia

Aspen Falls City Hall

In this project, you will create documents for the Aspen Falls City Hall, which provides essential services for the citizens and visitors of Aspen Falls, California. You will assist Janet Neal, Finance Director, to prepare a presentation for the City Council. The presentation will explain retail sales trends in the city. The information will help the council to predict revenue from local sales taxes.

Microsoft Office is a suite of tools designed for specific tasks. In this project, the data was originally stored in an Access database. You will use Word to write a memo to update your supervisor about the project's status. Next, you will use Excel to create a chart from that data, and then use PowerPoint to display the chart to an audience. In this way, each application performs a different function and creates a different type of document.

In this project, you will create a Word document, and open existing files in Excel and PowerPoint. You will write a memo, format an Excel worksheet, and update chart data, and then place a copy of the chart into a PowerPoint presentation. You will also format a database report in Access. In all four applications, you will apply the same formatting to provide a consistent look and feel.



Outcome

Using the skills in this chapter, you will be able to open Office applications, save files, edit and format text and pictures, apply themes, use the Mini toolbar and Backstage view, format worksheets and reports, and paste objects into presentations.

Objectives

- 1 Explain the common features of Office 2016 applications
- 2 Modify documents
- 3 Prepare a presentation
- 4 Differentiate the uses of each Office 2016 application
- 5 Create Word, Excel, PowerPoint, and Access files for a presentation

SKILLS

At the end of this chapter, you will be able to:

- Skill 1 Start Office Applications
- Skill 2 Open and Save Student Data Files
- Skill 3 Type and Edit Text
- Skill 4 Format Text and Save Files
- Skill 5 Apply Themes and Use the Mini Toolbar
- Skill 6 Use Backstage View
- Skill 7 Insert and Format Images
- Skill 8 Format Worksheets
- Skill 9 Copy and Paste Objects and Format Slides
- Skill 10 Format Access Reports

MORE SKILLS

- Skill 11 Store Files Online
- Skill 12 Share Office Files
- Skill 13 Install Office Add-ins
- Skill 14 Customize the Ribbon and Options

Student data files needed for this chapter:

cf01 Memo (Word)

cf01 Parks (Word)

cf01_RetailChart (Excel)

cf01 RetailSlides (PowerPoint)

cf01 RetailData (Access)

You will save your files as:

Last_First_cf01_Parks (Word)

Last_First_cf01_Memo (Word)

Last First cf01 RetailMemo (Word)

Last_First_cf01_RetailChart (Excel)

Last_First_cf01_RetailSlides (PowerPoint)

Last_First_cf01_RetailData (Access)



Office 2016, Windows 10, Microsoft Corporation

SKILL 1: Start Office Applications

- WATCH SKILL 1.1
- ➤ The way that you start an Office application depends on what operating system you are using and how your computer is configured.
- ► Each application's start screen displays links to recently viewed documents and thumbnails of sample documents that you can open.
- 1. If necessary, turn on the computer, sign in, and navigate to the desktop. Take a few moments to familiarize yourself with the various methods for starting Office applications as summarized in Figure 1.

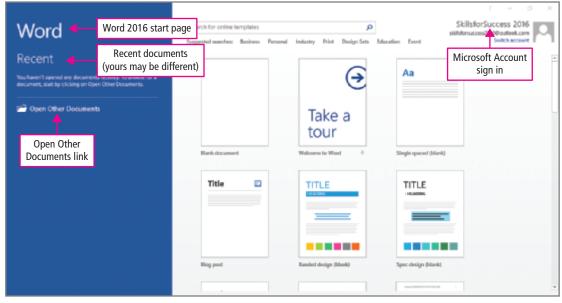
One method that works in both Windows 8.1 and Windows 10 is to press (the Windows key located between Ctrl and Alt) to display the Start menu or screen. With Start displayed, type the application name, verify that Word is selected, and then press Enter].

2. Use one of the methods described in the previous step to start Word 2016, and then take a few moments to familiarize yourself with the Word start screen as shown in Figure 2.

Your list of recent documents will vary depending on what Word documents you have worked with previously. Below the list of recent documents, the *Open Other Documents* link is used to open Word files that are not listed.

Common Methods to Start Office 2016 Applications			
Location	Description		
Start screen tile	Click the application's tile		
Desktop	Double-click the application's desktop icon		
Taskbar	Click the application's taskbar button		
Windows 10 Start menu	Click Start and look in pinned or most used apps. Or click All apps and locate the Office application or the Microsoft Office 2016 folder.		
All locations	Press , type the application's name, select the correct application, and then press Enter.		
Search the web and Windows	Type the application's name, and then press Enter		

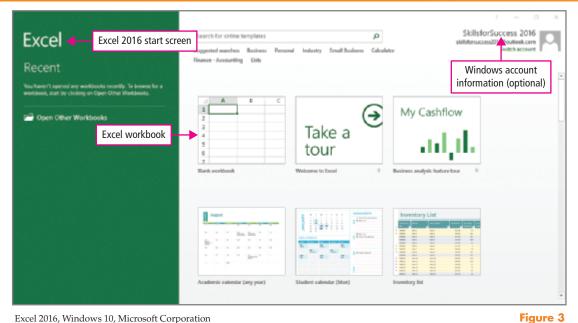
Figure 1



■ Continue to the next page to complete the skill

Figure 2

Word 2016, Windows 10, Microsoft Corporation



Excel 2016, Windows 10, Microsoft Corporation

SkillsforSuccess 2016 **PowerPoint** PowerPoint start page skillsforsuccess2010@outleek.com Take a Open Other Presentations tour Sample slides BANDED (yours may be different) SAVON Depth Depth

PowerPoint 2016, Windows 10, Microsoft Corporation

Figure 4

- **3.** If desired, click **Sign in to get the most** out of Office, and then follow the onscreen directions to sign in using your Microsoft account.
 - Logging in enables you to access Microsoft Cloud services such as opening and saving files stored on your OneDrive. Unless otherwise directed, signing in to your Microsoft account is optional in this book. To protect your privacy, you should sign in only if you are already signed in to Windows using a unique username, not a shared account. For example, many public computers share an account for guests. When you are logged in to your Microsoft account, your name and picture will display in the upper right corner of the window.
- **4.** Using the technique just practiced, start Excel 2016, and then compare your screen with Figure 3.
 - Worksheets are divided into cells—boxes formed by the intersection of a row and column into which text, objects, and data can be inserted. In Excel, cells can contain text, formulas, and functions. Worksheets can also display charts based on the values in the cells.
- **5.** Start PowerPoint 2016, and then compare your screen with Figure 4.
 - PowerPoint presentations consist of **slides**—individual pages in a presentation that can contain text, pictures, or other objects. PowerPoint slides are designed to be projected as you talk in front of a group of people. The PowerPoint start screen has thumbnails of several slides formatted in different ways.
- You have completed Skill 1 of 10

SKILL 2: Open and Save Student Data Files

WATCH SKILL 1.2

- ► In this book, you will frequently open student data files.
- 1. Before beginning this skill, download the student data files for this chapter and unzip or copy them; use Figure 1 as an example. Follow the instructions in the Getting Started with Windows 10 chapter or provided by your instructor.
- **2.** On the taskbar, click the **Word** button ... If necessary, start Word.
- **3.** On the **Word** start page, click **Open Other Documents** to display the
 Open page. If you already had a blank
 document open, click the File tab instead.
- **4.** On the **Open** page, click **This PC**, and then click the **Browse** button.
- **5.** In the **Open** dialog box navigation pane, navigate to the student files for this chapter, and then compare your screen with **Figure 2**.
- **6.** In the **Open** dialog box, select **cf01_Memo**, and then click the **Open** button.
- **7.** If the **Protected View** message displays, click the **Enable Editing** button.

Files downloaded from a website typically open in **Protected View**—a view applied to files downloaded from the Internet that allows you to decide if the content is safe before working with the file.

8. On the File tab, click Save As. Click Browse. Navigate to the location where you will be saving your files. In the Save As dialog box, click the New folder button, and then type Common Features Chapter

Save As is used to select the location where you want to save your work. You can choose to save to your OneDrive or other locations on your computer.

■ Continue to the next page to complete the skill

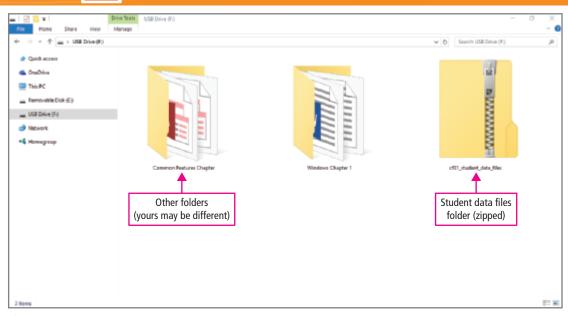


Figure 1

Word 2016, Windows 10, Microsoft Corporation

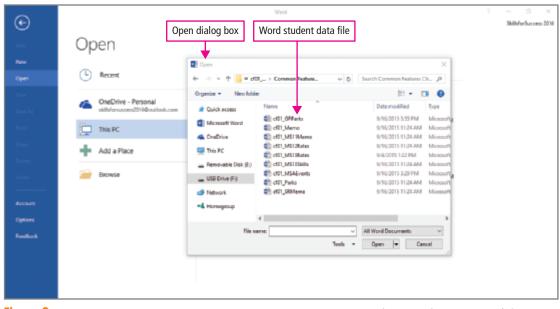
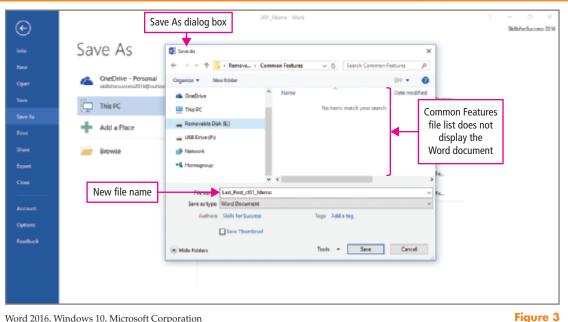


Figure 2

Word 2016, Windows 10, Microsoft Corporation



Word 2016, Windows 10, Microsoft Corporation

Lact_First_cf01_RetailSlides - PowerPoint E//000 n Reset 41240G New file name Side - Section in title bar City Retail Sales County Retail Sales First slide in the PowerPoint presentation Click to add notes

PowerPoint 2016, Windows 10, Microsoft Corporation

Figure 4

- **9.** Press Enter twice. In the File name box, change the text to Last_First_cf01_Memo using your own name.
 - In this book, you should substitute your first and last name whenever you see the text Last First or Your Name.
- 10. Compare your screen with Figure 3, and then click the Save button.

You can use Save As to create a copy of a file with a new name. The original student data file will remain unchanged.

By default, the Save As dialog box displays only those files saved in the current application file format.

- 11. On the taskbar, click the PowerPoint button to return to the PowerPoint start screen. If necessary, start PowerPoint.
- **12.** On the **PowerPoint 2016** start screen, click **Open Other Presentations** to display the Open page. If you already had a blank presentation open, click the File tab instead.
- **13.** On the **Open** page, click **This PC**, and then click the Browse button. In the Open dialog box, navigate to the student files for this chapter, and then open cf01 RetailSlides. If necessary, enable the content.
- **14.** On the File tab, click Save As, and then use the **Save As** page to navigate as needed to open your Common Features Chapter folder in the Save As dialog box.

On most computers, your Word and Excel files will not display because the PowerPoint Save As dialog box is set to display only presentation files.

- 15. Type Last First cf01 RetailSlides and then click Save. Compare your screen with Figure 4.
- You have completed Skill 2 of 10

SKILL 3: Type and Edit Text



- ▶ New documents are stored in **RAM**—the computer's temporary memory—until you save them to more permanent storage such as your hard drive, USB flash drive, or online storage.
- ➤ To *edit* is to insert, delete, or replace text in an Office document, workbook, or presentation.
- ➤ To edit text, position the *insertion point*—
 a flashing vertical line that indicates where
 text will be inserted when you start typing—
 at the desired location or select the text you
 want to replace.
- 1. On the taskbar, click the **Word** button to return to the *Last_First_cf01_Memo* document.
- 2. Click the Date placeholder—[Click to select date]—and then click the date arrow to open the calendar. In the calendar, click the current date.

Placeholders—are reserved, formatted spaces into which you enter your own text or objects. If no text is entered, the placeholder text will not print.

- **3.** In the **Subject** placeholder, type Sales

 Tax Revenues Compare your screen with

 Figure 1.
- 4. Press Ctrl + End to place the insertion point in the Type memo here placeholder—[Type memo here]—and then type the following: As per your request, the Retail Sales slides will be ready by the end of today. I will send them to you so you can insert them into your presentation. Let me know if you have any questions. Compare your screen with Figure 2.

Word determines whether the word will fit within the established margin. If it does not fit, Word moves the entire word to the beginning of the next line. This feature is called **word wrap**.

■ Continue to the next page to complete the skill

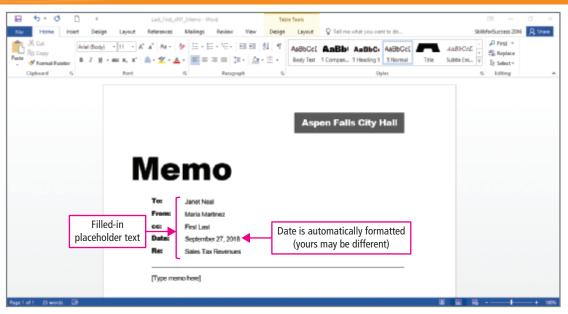


Figure 1

Word 2016, Windows 10, Microsoft Corporation

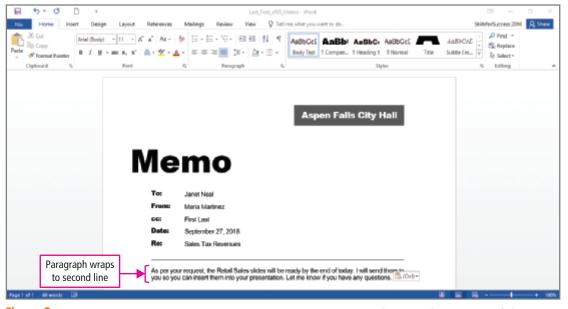
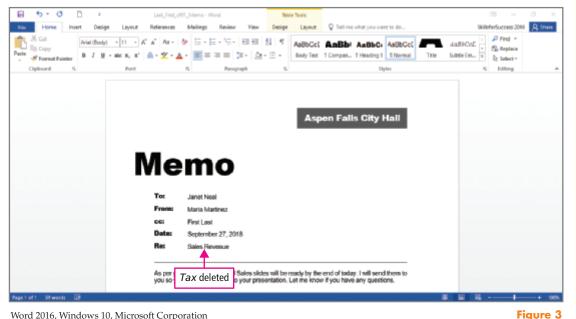


Figure 2

Word 2016, Windows 10, Microsoft Corporation



Word 2016, Windows 10, Microsoft Corporation

6 + Customize Quick O Tall me what you want to do SkillsforSucress 2006 Q. Share Layeut Access Toolbar Pind -AaBbCct AaBbt AaBbCc AaBbCct 5% Replace 💞 Format Pa Print Preview and Print Aspen Falls City Hall Memo As per your request, the Retail Sales slides will be ready by the end of today. I will send them to you so you can insert them into your presentation. Let me know if you have any questions

Word 2016, Windows 10, Microsoft Corporation

Figure 4

5. In the **Re:** line, click to the left of *Tax* to place the insertion point at the beginning of the word. Press Delete four times to delete the word *Tax* and the space following it.

> The Delete key deletes one letter at a time moving from left to right. The name on your keyboard may vary—for example, DEL, Del or Delete. Another option would be to *double-click*— is to click the left mouse button two times quickly without moving the mouse—or to **double-tap**—tap the screen in the same place two times quickly—the text to delete the word.

After selecting text, the **Mini toolbar**—a toolbar with common formatting commands—displays near the selection.

6. Click to the right of *Revenues*. Press Backspace one time to delete the letter s, and then compare your screen with Figure 3.

> The Backspace key deletes one letter at a time moving from right to left. The name on your keyboard may vary—for example, BACK, Backspace, or simply a left-facing arrow.

- 7. Press Ctrl + End. Type Thank you On the Quick Access Toolbar, and then click Undo Typing 5.
- **8.** Click the Customize Quick Access Toolbar button, and then from the menu, click Print Preview and Print Compare your screen with Figure 4.
- 9. Click the Print Preview and Print button to view how the memo will look in printed form. Click the **Back** button **©** to return to the document. Keep the file open for the next skill.
- You have completed Skill 3 of 10