

BUS 2600 - Business Applications of Microsoft Excel

Fall 2026 Syllabus, Section 06, CRN 43393,

Credit hours: 3

Instructor

Louise Campbell

Email: lmcampbell03@ysu.edu

Public Instructor Information

M.S., Information Sciences & Technology, The Pennsylvania State University, 2009

B.S.A.S., Computer Information Systems, Youngstown State University, 2007

Office: Williamson 3334

Office Phone: 330-941-3164

Course Description

2600. Business Applications of Microsoft Excel. This course starts with coverage of the basics of the Excel program. Students will then be taught Excel business applications with an emphasis on analysis and presentation of data. All students are expected to learn the necessary skills needed to pass the Microsoft Office Specialist (MOS) Certification. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Microsoft Excel 365 In Practice (Online Textbook)	Stewart & Nordell	
Optional	LinkedIn Learning: Microsoft Office Specialist: Excel Associate (Microsoft 365 Apps) Cert Prep	McBee	
Optional	LinkedIn Learning: Microsoft Office Specialist: Excel Expert (Microsoft 365 Apps) Cert Prep	McBee	

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Intro & Chapter 1	Intro & Creating and Editing Workbooks	
8/31	Chapter 1 & Chapter 2	Working with Formulas and Functions	Chapter 1 SIMBook Training: 8/30 Chapter 1 Practice/Homework: 8/30 Chapter 1 Exam: 8/31
9/7	Chapter 2	Working with Formulas and Functions	Chapter 2 SIMBook Training: 9/6 Syllabus Quiz: 9/6 Chapter 2 Practice/Homework: 9/8 Chapter 2 Exam Practicum: 9/9
9/14	Chapter 3	Creating and Editing Charts	Chapter 3 SIMBook Training: 9/13 Chapter 3 Practice/Homework: 9/15 Chapter 3 Exam Practicum: 9/16

9/21	Chapter 4	Getting and Managing Data	Chapter 4 SIMBook Training: 9/20 Chapter 4 Practice/Homework: 9/22 Chapter 4 Exam: 9/23
9/28		SIMnet MOS Review	MOS Skills (5 Trainings & 5 Projects) due 10/11
10/5		In-Class MOS Review	MOS Skills (5 Trainings & 5 Projects) due 10/11 Linked-In Learning Based Review Activities due during class on 10/5 and 10/7
10/12		In-Class MOS Review	Mandatory In-class Review on 10/12 Mandatory MOS Exam on 10/14
10/19	Chapter 5	Exploring Data Tools, Data Types, and Illustrations	Chapter 5 SIMBook: 10/20 Chapter 5 Practice/Homework: 10/20 Chapter 5 Exam: 10/21
10/26	Chapter 6	Exploring the Function Library	Chapter 6 SIMBook: 10/25 Chapter 6 Practice/Homework: 10/27 Chapter 6 Exam: 10/28
11/2	Chapter 7	Working with Templates and Collaboration	Chapter 7 SIMBook: 11/1 Chapter 7 Practice/Homework: 11/3 Chapter 7 Exam: 11/4
11/9	Chapter 8	Developing and Using Macros	Chapter 8 SIMBook: 11/8 Chapter 8 Practice/Homework: 11/10 Chapter 8 Exam: 11/16 * moved due to Veterans Day
11/16	Chapter 9	Working with Data Analysis Tools	Chapter 9 SIMBook: 11/15 Chapter 8 Exam: 11/16 Chapter 9 Practice/Homework: 11/18 *due to holidays Chapter 9 Exam: 11/23 * moved due to Veterans Day
11/23	Chapter 10	Exploring Business Intelligence	Chapter 10 SIMBook: 11/22 Chapter 9 Exam: 11/23 Chapter 10 Practice/Homework: 11/25 * due to holidays Chapter 10 Exam: 11/30 * moved due to holidays
11/30	Chapter 11	Customizing Excel and Using OneDrive and Office Online	Chapter 11 SIMBook: 11/29 Chapter 10 Exam: 11/30 Yellow Belt Capstone: 12/1 MOS Associate Retake OR Expert Exam: 12/2

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