



**Bow Valley
College**

Course Outline

MGMT2301

Microsoft Excel

Winter 2025 - Current

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MGMT2301 Microsoft Excel**COURSE DESCRIPTION**

This course provides hands-on learning with Microsoft Excel and its applications in today's business environment. Learners develop skills to navigate, consolidate, and analyze data across multiple worksheets. Learners also create macros for efficient analysis, manage complex nested formulas for scenario planning, and design effective corporate dashboards.

REQUISITES	None
EQUIVALENTS	None
CREDITS	3
HOURS	45
ELIGIBLE FOR PLAR	Yes
ZERO TEXTBOOK COST	No

**COURSE LEARNING
OUTCOMES**

Bow Valley College is committed to ensuring our graduates can demonstrate their abilities in key areas that will make them effective citizens and encourage their development as lifelong learners. In addition to the discipline-specific skills that learners acquire in their programs, the College has identified ten learning outcomes.

College-Wide Outcomes:

1. Communication
2. Thinking Skills
3. Numeracy and Financial Literacy
4. Working with Others
5. Digital Literacy
6. Positive Attitudes and Behaviours
7. Continuous Learning
8. Health and Wellness Awareness
9. Citizenship and Intercultural Competence
10. Environmental Sustainability

#	COURSE LEARNING OUTCOME(S)	COLLEGE WIDE OUTCOMES SUPPORTED
1	Apply data processing techniques.	2, 3, 5
2	Apply logical functions to consolidate and analyze data.	2, 3, 5
3	Apply financial functions to assist in business analysis.	2, 3, 5
4	Utilize functions and tools for scenario planning.	2, 3, 5
5	Develop enhanced visual representations of data and trends.	1, 2, 3, 5
6	Employ critical thinking techniques to solve problems.	2, 7

COURSE MODULES AND SCHEDULE

**Course schedule subject to change, depending on delivery mode and term of study. For exact dates, please consult the Course Offering Information in Brightspace.*

WEEK/HOURS MODULES

Week 1	Introduction to Microsoft Excel
Week 2	Creating a worksheet and a chart
Week 3	Using functions, creating tables, and managing large workbooks
Week 4	Analyzing data with pie charts, line charts, and what-if analysis tools
Week 5	Critical thinking
Week 6	Creating pivot tables and pivot charts
Week 7	Managing large workbooks, and using advanced sorting and filtering
Week 8	Creating charts, diagrams, and templates
Week 9	Reading Week
Week 10	Use financial and lookup functions, define names, validate data, and audit worksheets
Week 11	Using data analysis, solver, and scenario features, and building complex formulas
Week 12	Using macros and Visual Basic for applications
Week 13	External data, database functions, side-by-side tables, and workbook distribution and collaboration
Week 14	Capstone and Microsoft badging
Week 15	Final exam week

ASSESSMENT

COURSE**LEARNING****ASSESSMENT****WEIGHT****OUTCOME(S)**

1, 2, 3, 4, 5, 6	Assignments (Minimum of 5)	100%
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Important: For details on each assignment and exam, please see the Course Offering Information.

PERFORMANCE STANDARDS

A minimum grade of D is required to pass this course. However, a program may require a higher grade in this course to progress in the program or to meet specific program completion requirements.

Please consult with the program area or contact the program chair for further details. A minimum Grade Point Average of 2.0 is required for graduation.

GRADING SCHEME

Grade	Percentage	Grade Point	Description
A+	95-100	4.0	Exceptional: superior knowledge of subject matter
A	90-94	4.0	Excellent: outstanding knowledge of subject matter
A-	85-89	3.67	
B+	80-84	3.33	
B	75-79	3.0	Very Good: knowledge of subject matter generally mastered
B-	70-74	2.67	
C+	67-69	2.33	
C	64-66	2.0	Satisfactory/Acceptable: knowledge of subject matter adequately mastered
C-	60-63	1.67	
D+	57-59	1.33	
D	50-56	1.0	Minimal Pass
F	Less than 50	0.0	Fail: an unsatisfactory performance

REQUIRED LEARNING RESOURCES

Gaskin, S., Geoghan, D. (2023). GO! Microsoft 365: 2021 Edition -- MyLab IT NextGen with Pearson eText Access Code

MyLab with Pearson eText Access:
ISBN: 9780138240516

Additional learning resources may be found in the Course Offering Information or in Brightspace.

ADDITIONAL INFORMATION

This course offers the opportunity to gain badging for both the Microsoft Excel components and the Critical Thinking Module. Badging is issued by Microsoft, and is achieved by earning a grade of 90% or higher. Learners may still successfully complete the course without achieving a Microsoft badge. Earned badges need to be digitally claimed by the learner.

Additional information may be found in the Course Offering Information or in Brightspace.

ACADEMIC ACCOMMODATIONS

Learners with a disability (learning, physical, and/or mental health) may qualify for academic and exam accommodations. For more information, or to apply for accommodations, learners should make an appointment with Accessibility Services in the Learner Success Services (LSS) Department. Accessibility Services can also assist learners who may be struggling with learning but do not have a formal diagnosis. To make an appointment visit LSS on the first floor of the south campus or call 403-410-1440. It is the learner's responsibility to contact Accessibility Services and request academic accommodations. For more information, please visit our website at <http://www.bowvalleycollege.ca/accessibility>.

INSTITUTIONAL POLICIES

Bow Valley College is committed to the highest standards of academic integrity and honesty. Learners are urged to become familiar with and uphold the following policies: Academic Integrity (500-1-7), Learner Code of Conduct, Procedures and Guidelines (500-1-1), Learner Appeals (500-1-12), Attendance (500-1-10), Grading (500-1-6), Academic Continuance and Graduation (500-1-5), and Electronic Communications (300-2-13). Audio or video recording of lectures, labs, seminars, or any other teaching and learning environment by learners is allowed only with consent of the instructor as part of an approved accommodation plan. Recorded material is to be used solely for personal study and is not being used or distributed without prior written consent from the instructor.

Turnitin:

Students may be required to submit their course work to Turnitin, a third-party service provider engaged by BVC. Turnitin identifies plagiarism by checking databases of electronic books and articles, archived webpages, and previously submitted student papers. Students acknowledge that any course work or essays submitted to Turnitin will be included as source documents in the Turnitin.com reference database, where it will be used solely to detect plagiarism. The terms that apply to a student's use of Turnitin are described on Turnitin.com.

Online Exam Proctoring:

Examinations for this course may require proctoring through an online proctoring service. Online proctoring enables online exam taking within a controlled and monitored environment, thereby enhancing academic integrity. Online proctoring may occur through a variety of methods, including but not limited to:

- a. live online proctoring where a remote invigilator authenticates identity and observes completion of an exam using specialized software and recordings;
- b. automated proctoring where the exam session is recorded and AI (artificial intelligence) analyzed;
- c. browser lockdown that limits access to other applications, websites, copying, printing, screen capture and other functions; or
- d. a combination of both live/automated proctoring and browser lockdown.

Course instructors will review recordings, analyses, and data obtained through online proctoring for academic integrity infractions. It is the student's responsibility to meet the technical, software, location, and identity verification requirements necessary to enable online proctoring.

Further details of these policies are available in the Academic Calendar and on the Bow Valley College website, bowvalleycollege.ca.

Learners are encouraged to keep a copy of this course outline for future reference.

Collection of Personal Information:

This course, including your image and voice, may be recorded and made available to you and other students taking the course section. By attending the class(es) online or in person, you consent to the collection of your personal information. If you do not wish to be recorded, please contact your instructor before starting the course/class to discuss alternative arrangements.

You may use the recordings only for educational purposes and you must not copy, share, or use the recordings for any other purpose without the instructor's express permission.

Your personal information is collected in accordance with section 33(c) of the Freedom of Information and Protection of Privacy Act (Alberta) to deliver academic programming, support learner flexibility, promote universal design for learning principles, and for purposes consistent with the course activities and outcomes. If you have any questions about the collection, disclosure, use, or protection of this information, please contact the College's Access and Privacy Officer at foip@bowvalleycollege.ca.