

COURSE SYLLABUS



COURSE TITLE: BUS 145 Business Data Analysis

CLASS SECTION: Sections D01

TERM: Summer 2023 (14 week course)

COURSE CREDITS: 3

DELIVERY METHOD(S): Online Asynchronous

Camosun College campuses are located on the traditional territories of the Ləkʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

Learn more about Camosun's [Territorial Acknowledgement](#).

For COVID-19 information please visit <https://camosun.ca/about/covid-19-updates>

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.

INSTRUCTOR DETAILS

NAME: Geneviève Lacerte, MBA

EMAIL: lacerteg@online.camosun.ca

OFFICE: Interurban Campus, Centre for Business and Access, Shared Office 261

HOURS: Virtual office hours available by emailing to arrange a time, or in person Tue/Thu 10:30-11:30

As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.

CALENDAR DESCRIPTION

This course provides students with an opportunity to explore data management and data analysis and the role that they play in supporting business goals. Students will design and develop a relational database and use advanced spreadsheet skills to support data analysis and decision making.

COURSE LEARNING OUTCOMES / OBJECTIVES

Upon successful completion of this course, students will be able to:

1. Describe how information systems support business operations.
2. Build and use spreadsheet models to assist decision making.
3. Use miscellaneous tools such as data tables, scenarios, and solver to perform sensitivity analyses and to examine other what-if scenarios.
4. Use spreadsheet software to perform various data analysis tasks using tables, subtotals, pivot tables, pivot charts, conditional functions, and database functions.
5. Construct and interpret a variety of system description documents, including requirements analysis and simple entity relationship diagrams.
6. Construct a small relational database application including tables, queries, forms, reports, and a basic user-interface such as a switchboard or tabbed form.
7. Apply data integrity tools such as input masks and validation rules to spreadsheet and database data.
8. Integrate data from various sources for the purpose of mail/e-mail merging or for further analysis using spreadsheet software.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

- (a) For online courses Microsoft Office (MS Excel, MS Access) on PC is required.
- (b) Suggested: Storage Drive (i.e., Flash Drive/Memory Stick) to back up work.
- (c) No textbook is required, as all materials will be provided. Students will be responsible for creating their own notes based on material provided by the instructor, asking the instructor for clarity where required. Older textbooks and existing MyITLab accounts from Bus 140 may be useful – but are not mandatory.

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

TENTATIVE WEEKLY SCHEDULE: BUS 145 14-week ONLINE		
Week	Module	Topics
Week 1	Information Systems	Introductions / Orientation / Intro to course File Management / College Resources Course Expectations / Flow / Timings / Communication
Week 2		Describe how information systems support business operations. (LO1)
Week 3	Spreadsheets	Review of MS Excel Build and use spreadsheet models to assist decision making. (LO2) Apply data integrity tools such as input masks and validation rules to spreadsheet and database data. (LO7)
Week 4		Use miscellaneous tools such as data tables, scenarios, and solver to perform sensitivity analyses and to look at other what-if scenarios. (LO3)
Week 5		Use spreadsheet software to perform various data analysis tasks using tables, subtotals, pivot tables, pivot charts, conditional functions, and database functions. (LO4)
Week 6		
Week 7		
Week 8		Integrate data from various sources for the purpose of mail/e-mail merging or for further analysis using spreadsheet software. (LO8)
Week 8		Review + EXAM 1
Week 9		Databases
Week 10	Construct a small relational database application including tables, queries, forms, reports, and a basic user-interface such as a switchboard or tabbed form. (LO6)	
Week 11		
Week 12	Apply data integrity tools such as input masks and validation rules to spreadsheet and database data. (LO7)	
Week 13	Summary of Learning / Reflection, Take-Away portfolio	
Week 14	Review + EXAM 2	

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced noticed is required. Deadlines can be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

EVALUATION OF LEARNING

DESCRIPTION	WEIGHTING
Instructor-Initiated Assignments/Engagement	10%
Excel Assignments	15%
Database Project	15%
Total Assignments	40%
Exam 1 (Spreadsheets)	35%
Exam 2 (Databases)	25%
Total Exams	60%
TOTAL	100%

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf) policy for more information. <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

SCHOOL OR DEPARTMENTAL INFORMATION

Assignments

The School of Business uses APA style for formatting assignments and citing references. Proper citations and formatting using APA style will be required. See Camosun College (2018) Library Citation Guides retrieved from:

<https://camosun.libguides.com/apa7>

- Where required by your instructor, submit all assignments into the D2L assignments by your last name.
- In-text citations for quotes, paraphrasing, and references must be consistent with APA standards.
- Grammar, spelling, style and APA formatting, citations and referencing will be assessed in your mark.
- All submitted work must be properly referenced to sources.

Unless otherwise specified, you are to submit your own work. Any work collaborated on (unless permitted by the course) will be considered in violation of the college's Academic Integrity policy. See Camosun College (2021) [Academic Integrity Policy](#)

Deadlines and exams

You must submit your assignments by the due date or as announced. **A grade of zero will be assigned to late submissions.** There are no additional assignments or make-up exams of any kind if you performed poorly on an assignment, midterm or final exam.

EXAM DATES WILL NOT BE RESCHEDULED. All exams must be written at the scheduled times with the exception of students requiring an accommodation by CAL. **Non-attendance on scheduled exam dates will result in a zero grade.** It is

understood that emergency circumstances do occur (e.g. severe illness or family emergency); for such circumstances accommodation may be granted at the discretion of the instructor, provided the student:

- a) notifies the instructor *in advance* of the exam (not after), and
- b) provides documented evidence of the circumstance (e.g. medical certificate).

In most cases of an excused absence for an exam, an alternate exam will be scheduled for the student *at the end of term*.

Please ask any family members who might make travel plans on your behalf to consult you before booking tickets. **Travel plans are not an acceptable reason to miss an exam.**

Students registered through the [Centre for Accessible Learning \(CAL\)](#) should discuss timelines with their instructors at the beginning of each semester.

Medical notes must be dated, signed, and be written on letterhead or prescription paper imprinted with the physician's name and address. Notes are accepted from Physician (GP or medical specialist), Nurse Practitioner, Psychiatrist, Psychologist, Counsellor and Aboriginal Elder.

STUDENT RESPONSIBILITY

Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

SUPPORTS AND SERVICES FOR STUDENTS

Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/students/>.

Support Service	Website
Academic Advising	http://camosun.ca/advising
Accessible Learning	http://camosun.ca/accessible-learning
Counselling	http://camosun.ca/counselling
Career Services	http://camosun.ca/coop
Financial Aid and Awards	http://camosun.ca/financialaid
Help Centres (Math/English/Science)	http://camosun.ca/help-centres
Indigenous Student Support	http://camosun.ca/indigenous
International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/learningskills
Library	http://camosun.ca/services/library/

Support Service	Website
Office of Student Support	http://camosun.ca/oss
Ombudsperson	http://camosun.ca/ombuds
Registration	http://camosun.ca/registration
Technology Support	http://camosun.ca/its
Writing Centre	http://camosun.ca/writing-centre

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.

Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the “Attendance” section under “Registration Policies and Procedures” (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun’s Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student’s right to choose what is right for them. For more information see Camosun’s Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and camosun.ca/sexual-violence. To contact the Office of Student Support: oss@camosun.ca or by phone: 250-370-3046 or 250-3703841

Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College’s Student Misconduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College’s expectations of academic integrity and student behavioural conduct.

Changes to this Syllabus: Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.

STANDARD GRADING SYSTEM

A = Exceptional achievement

B+ = Very good achievement

C+ = Satisfactory achievement

D = Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite

F = Minimum level has not been achieved

Percentage	Grade	Grade Point Equivalency
90-100	A+	9
85-89	A	8
80-84	A-	7
77-79	B+	6
73-76	B	5
70-72	B-	4
65-69	C+	3
60-64	C	2
50-59	D	1
0-49	F	0