



BUSI 1401 A: Foundations of Information Systems

SUMMER 2025

Instructor	Dr. Arthur So
Email Address	arthurso@cunet.carleton.ca
Class Times	Mondays and Wednesdays; 6:05pm – 8:55pm
Modality	In-person
Office Hours	By appointment
Office Location	TBA
TA Name/Email	TBA

Pre-Requisites & Preclusions:

Prerequisites: None

Preclusions: Precludes additional credit for BUSI 2400

Course Description/Instructor's Statement

Carleton Calendar Description (Find at <https://calendar.carleton.ca/undergrad/courses/BUSI/>)

This course helps student to understand the critical role of information systems in organizations and their impact on social and ethical issues. Covers fundamental tools and skills for the development and management of information systems and business analytics in organizations.

Course Learning Objectives:

1. Develop basic skills for data analysis, including programming, spreadsheets, and databases.
2. Understand what information systems are and how they are used in organizations.
3. Explain the role information systems play in managerial decision-making.
4. Understand the impact ICTs have on productivity, innovation, and strategy.
5. Explain how information systems are used for competitive advantage.
6. Assess the challenges associated with the management of information systems.

Required/Optional Materials & Prices

Introduction to Information Systems, the 6th Canadian Edition

- R. Kelly Rainer, Brad Prince, Cristobal Sanchez-Rodriguez, Ingrid Spletstoeser-Hogeterp, Sepideh Ebrahimi **\$98.85**
- Wiley Publishing
- ISBN:9781394164479; <https://www.wileyplus.com/business-and-decision-science/introduction-to-information-systems-6ec-eprof22910/>

Lab & Software

- PYTHON
- Microsoft Excel, Microsoft Outlook, Microsoft Teams

Students are not required to purchase textbooks or other learning materials for this course.

The use of artificial intelligence (AI): An AI use statement must be provided and outline specific content/ideas that were co-created with AI, align with the University's AI policy, and explain how the student acted as the "human in the loop."

Please purchase the textbook(s) from the campus bookstore in Nideyinàn (formerly the University Centre) or through the bookstore website: <https://carleton.ca/campus-services/the-bookstore/>.

Grading Scheme

Discussion Assignment 1	10%
Excel Assignment 2	17.5%
Midterm Exam	25%
Python Assignment	17.5%
Final Exam	30%
TOTAL	100%

Important Dates to Note

Assignment 1 – Academic Declaration: ASAP

Assignment 2 – Excel: May 25th, 2025

Assignment 3 – Python: June 15th, 2025

Discussions: June 15th, 2025

Midterm: May 28th, 2025

Final Exam: TBA

University Academic Calendar: <https://calendar.carleton.ca/academicyear/>

Policies & Accommodations

<https://students.carleton.ca/course-outline/>

<https://carleton.ca/pmc/current-students/academic-accommodations/>



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