

## Huron Brief Course Outlines

Fall/Winter 2023-2024

**Course Title:** Information Technology in a Commercial Environment

**Course Number and Section**

MOS

1033A - 551

**Instructor Name(s):** Robert Pilling, CPA, CA

**Instructor Email(s):** rpilling@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

### Course Description:

The digital revolution has transformed the way business decisions are made. Today, business managers must be able to knowledgeably identify relevant information technologies that can support a firm to create value and achieve a competitive advantage. As managerial decisions are becoming evidence-based, managers should also acquire technical skills on how to use computer-based information technology in order to improve decision making. From a technical standpoint, the goal of this course is to help students acquire specific software skills that can be applied in the field of management. From a theoretical perspective, this course will help students acquire knowledge about the impact of IT on organizations.

### Learning Outcomes:

- master the basic concepts of information systems in an organizational context.
- explain the strategic and transforming role of IT in all types of organizations.
- be familiar with basic tools used to improve decision-making, organize and access information and facilitate collaboration.
- apply different frameworks to analyze the role of IT and understand how organizations create value from IT.
- understand the importance of data management and its impact on managerial decision making.
- Identify the advantages and risks of IT in an organizational context.

### Textbooks and Course Materials:

Information Systems for Managers in the Digital Age, Without Cases Edition 5.0  
by Gabriele Piccoli and Federico Pigni  
copyright 2022  
Publisher: Prospect Press

### Methods of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Mid-Term Exam	Week 8	35%

<b>Assignment</b>	<b>Due Date mm/dd/yy</b>	<b>Weight - %</b>
Assignment 1 (Excel)	Week 4	10%
Assignment 2 (Data analytics in Excel)	Week 6	10%
Assignment 3 (Access)	Week 9	10%
Group presentation and project report	Weeks 11 & 12	35%

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.