#### YORK UNIVERSITY Faculty of Liberal Arts and Professional Studies School of Administrative Studies

ADMS 2511 - Management Information Systems, Section N Winter 2024

#### COURSE INSTRUCTOR/ CONTACT AND TIMES:

Course Instructor: Zeshan Arshad Email: zeshana@yorku.ca

Course Time and Day: Tuesday 4:00 PM to 7:00 PM Class Location: SLH E Office Hours: By appointment via Zoom

First class: Tuesday, January 9 Last class: Tuesday, April 2

Send email from inside the YorkU.ca domain only. Email from outside the YorkU.ca domain may be blocked. Always close your email correspondence with your name, student number, and class section.

#### LAND ACKNOWLEDGEMENT:

York University recognizes that many Indigenous Nations have longstanding relationships with the territories upon which York University campuses are located that precede the establishment of York University. York University acknowledges its presence on the traditional territory of many Indigenous Nations. The area known as Tkaronto has been care taken by the Anishinabek Nation, the Haudenosaunee Confederacy, and the HuronWendat. It is now home to many First Nation, Inuit, and Métis communities. We acknowledge the current treaty holders, the Mississaugas of the Credit First Nation. This territory is subject of the Dish with One Spoon Wampum Belt Covenant, an agreement to peaceably share and care for the Great Lakes region (LA&PS Land Acknowledgement).

#### ORGANIZATION OF THE COURSE:

All the sessions will be held in person for 2511 N, O and S. 2511 P and Q are online asynchronous except for the office hours (online synchronous) and the examinations (midterm and final) which are in person.

Midterm and final exams will be held in-person for all sections.

### CALENDAR COURSE DESCRIPTION AND PREREQUISITES:

Overview of information systems and technology: how information systems are selected, designed, and managed to provide information needed to run organizations successfully. Topics include the strategic role of information systems; ethical considerations; technology; information systems risks; and security control considerations. Prerequisite: AP/ADMS 1000 3.00. Course credit exclusion: AP/ADMB 2511 3.00.

Students are personally responsible for ensuring that they have the required prerequisites as stated in the course outline or in the course calendar. Students who do not have the prerequisites are at risk of being dropped from the course at any time during the course. The department will not be responsible for refunds resulting from students being dropped from a course due to a lack of the appropriate prerequisites.

## TECHNICAL REQUIREMENTS FOR TAKING THE COURSE:

Several platforms or software will be used in this course (e.g., eClass (previously known as Moodle), Salesforce, PowerPoint, Adobe Acrobat, Word, Zoom) through which students will interact with the course materials and the course director/TA, as well as with one another.

Please review the technology requirements and FAQs for eClass, Zoom and Moodle: <u>https://lthelp.yorku.ca/95441-instructor-faq/how-do-i-access-my-moodle-course</u>

Students will need a stable, higher-speed Internet connection to work with the class website and online quizzes.

Here are some useful links for student computing information, resources, and help:

Student guide to eClass and Moodle: https://lthelp.yorku.ca/moodle

University Information Technology (UIT), Student Services: <u>https://uit.yorku.ca/student-services/</u>

Faculty of Liberal Arts and Professional Studies (LA&PS) Welcome to eLearning page has helpful information and quick links to email services, computing, counselling & disability services and other useful resources: <u>https://www.yorku.ca/laps/eso/student-elearning/</u>

To determine Internet connection and speed, there are online tests, such as Speedtest (<u>https://www.speedtest.net/</u>) that can be run.

### COURSE LEARNING OBJECTIVES:

This course provides an overview of the role of information systems in today's organizations and business environment. This enables discussion of their impact on organizational decision-making. Specifically, upon completing this course you should be able to:

- 1. Effectively use IS (information systems) terminology in oral and written communication.
- 2. Explain the strategic role of IS by using Porter's competitive forces and value chain models. Consider how IS are used to respond to competitive forces.
- 3. Relate the components of business processes to the importance of IS for effective and efficient business process management.
- Be aware of the main ethical and privacy issues related to IS. Identify basic IS security risks and evaluate different types of IS security controls that could mitigate them.
- Describe the main technical elements of a company's IT (information technology) infrastructure. Relate recent developments in hardware, software, networks, and databases to the IT governance process.
- 6. Explain the differences between data, information, and knowledge with examples. Discuss the role of data governance in managing information assets.
- 7. Describe the main characteristics of the different types of eCommerce, social computing, functional area information systems and inter-organizational systems.
- 8. Provide applied examples of how the use of IT systems facilitate achieving organizational goals.
- 9. Explain the role of big data and AI (artificial intelligence) for organizations. Discuss how types of business analytics and AI are used by functional areas, considering potential ethical issues of their use.
- 10. Describe different IS acquisition strategies and explain the roles that a user can play in each stage of the systems acquisition or development process.
- 11. Develop and implement applications using Salesforce to apply the terms and techniques discussed in the course.

# REQUIRED COURSE TEXT/ MATERIALS:

# FORTHCOMING NEW TEXT REQUIRED, Course text:

Rainer, Prince, Sánchez-Rodríguez, Splettstoesser and Ebrahimi. 2024. Introduction to Information Systems: Supporting and Transforming Business, Sixth Canadian Edition, John Wiley & Sons, Canada, Ltd. This course is participating in York University's E-Book Program. The E-Book will be available on an opt-in basis and prices will be posted when available.

Any additional required reading materials will be posted on the course web site.

## Warning:

(1) Photocopying more than 10% of a textbook is illegal and may involve penalties. Do not duplicate textbooks or obtain these photocopies.

(2) Students are reminded of York University's policy regarding academic dishonesty as outlined in the York student calendars and are expected to comply with those policies in the completion of their work.

## Software requirements:

The free developer edition of Salesforce is required. Instructions for downloading this software are included in the 1a Max Labs assignment.

Access to The Max Labs Project data files, automated grading tool, learning resources and support system (see <u>https://www.themaxlabsproject.com/</u> for further information), cost U.S. \$19.99. For further information see the assignments section of this course outline. Note that assignment 1a does not require purchase of the software. Further instructions are available on our eClass/Moodle web site.

## WINTER 2024 DROP DATES:

Last date to add a course without permission of instructor: January 22, 2024 Last date to add a course with permission of instructor: January 31, 2024 Last date to drop a course without receiving a grade: March 11, 2024 If you withdraw between March 11 and the end of classes (April 8), the course remains on your transcript without a grade and is notated as "W".

## **EVALUATION:**

Course work	Description and Due Date (See also class website)	Weight
Practice Questions	To be completed during class.	5%
Weekly quizzes	Individual multiple-choice quizzes to be completed online, submitted before 11:00 AM Tuesday of each week. Refer to individual sessions for due dates. Best 10 of 11 will be counted.	10%
Max Lab Assignments	Due as stated in class outlines for in-class sessions, Max Labs Assignment Lab 1a, due Session 4	18%
Ŭ	Max Labs Assignment Lab 1b, due Session 5 Max Labs Assignment Lab 2a, due Session 8	(3% each)

	Max Labs Assignment Lab 2b, due Session 9 Max Labs Assignment Lab 3a, due Session 10 Max Labs Assignment Lab 3b, due Session 11	
Midterm Examination	Session 6, Common Midterm Examination Covers Sessions 1 through 5. Friday, February 16 at 4 PM. Location CLH A (Curtis Lecture Hall). Students who miss the midterm examination may write the alternative examination on Tuesday, February 27 at 7 PM with appropriate documentation. Location TBA	27%
Final Examination	Cumulative, covering the entire course. During regular examination schedule, April 10-25 DATES AND TIMES TBA	40%
Total		100%

### Online weekly quizzes

Weekly quizzes are available on our eClass course website. There will be no make up for missed quizzes. Students registered with Counselling and Disability Services are entitled to additional time for these quizzes and should contact the instructor at the beginning of the course.

#### Max Labs Assignments

To complete the six Max Labs Project assignments the developer edition of Salesforce.com will be used (available from the Salesforce website). Access to data files, auto grading and support materials for the Max Labs Project are available from the Max Labs web site (cost US \$19.99), and details on how to obtain these resources are part of Lab 1 b.

The process for signing up for Salesforce.com as well as how to complete the lab assignments will be posted on eClass. There is a penalty of 20% for each day late.

#### Midterm exam

If the midterm examination is missed due to an illness or other extenuating circumstance, the student should supply appropriate supporting documentation to the instructor no later than the next business day after the missed midterm to obtain permission to write the midterm at the alternative date. IMPORTANT: students who miss both the originally scheduled examination date and the accommodated date will receive a grade of zero for the midterm. Students who require accommodated time for examinations contact Counselling and Disability Services for a booking at least one month prior to the date of the examination.

#### Missing other coursework

If a student misses any other coursework, they will receive a grade of "0" for that piece of course work unless discussed and approved with the course director with appropriate documentation prior to the due date.

### Academic honesty and integrity

Here at York University, we strive to maintain academic integrity to the highest extent possible. Please familiarize yourself with the meaning of academic integrity by completing York University's SPARK <u>Academic Integrity module</u> before completing your first qui, assignment or examination. Breaches of academic integrity range from cheating to plagiarism (i.e., the improper crediting of another's work or the representation of another's ideas as your own, for example). All instances of academic dishonesty in this course will be reported to the appropriate university authorities, and can be punishable according to the <u>Senate Policy on Academic Honesty</u>.

## Course Policy on Student Use of Generative Artificial Intelligence (AI)

Students may only use generative artificial intelligence (AI) tools in this course so long as the following two conditions are met:

- Specific generative AI tools are used in accordance with the written guidelines provided for each assessment or activity, and
- The use of generative AI is documented and cited following citation instructions given in the <u>APA</u>.

Use of generative AI outside these two conditions will constitute academic dishonesty under York University's <u>Senate Policy on Academic Honesty</u>. As a student in this course, it is your responsibility to understand when and how generative AI tools can be used to complete your assessments and activities. If you do not know whether an online resource or tool can be used in this course, please contact your instructor for guidance.

### About the Grading Scheme

Refer to course web site and details of assignments posted on the course eClass web site.

Grades submitted by an instructor are subject to review by the teaching unit in which the course is offered and by the Faculty Council or Faculty Committee on Academic Policy and Planning. Final course grades may be adjusted to conform to program or Faculty grades distribution profiles. Normally, grades appear on grade reports and transcripts as soon as they are submitted to the Registrar's Office. The grading scheme for this course conforms to the 9-point system used in undergraduate programs at York University. For

a full description of the York grading system, visit the York University academic calendar at:

	1		
Grade	Grade Point	Percent Range	Description
A+	9	90-100	Exceptional
A	8	80-89	Excellent
В+	7	75-79	Very Good
В	6	70-74	Good
C+	5	65-69	Competent
С	4	60-64	Fairly Competent
D+	3	55-59	Passing
D	2	50-54	Marginally Passing
E	1	(marginally below 50%)	Marginally Failing
F	0	(below 50%)	Failing

https://calendars.students.yorku.ca/2022-2023/grades-and-grading-schemes

## EXPANDED COURSE DESCRIPTION:

This course provides an overview of information systems and how such systems are selected, designed, and managed to provide information needed to run organizations successfully. Students will consider the strategic role of information technology and systems within organizations and in a competitive business environment, as well as the ethical implications of information systems. This course will examine the technical foundations of information systems, their impact on organizational design, management, and their impact on knowledge accumulation and decision-making. Information systems risks, security and control issues are also covered.

# ORGANIZATION OF THE COURSE:

Session Description and Learning Objectives	Readings, Assignments and Quizzes (due dates are for the
	online sections)
Session 1 - January 9	READ Chapter 1
Information Systems and the Modern Organization	
Learning Objectives:	Practice Questions:
Review course evaluation methods, assignment	Opening Case: Plus-Size Clothing
<ul><li>structure, Max Labs role and the nature of plagiarism</li><li>Identify the reasons you need to be an informed</li></ul>	Ads on Social Media
user	IT's About Business 1.1: Informed
Relate the difficulty of managing information	Users Are an Important Part of
resources to the process of interacting with the	Security
information systems department	
Describe modern information technology jobs     Suplain the nature and purpose of data items	Reminder: Do Quiz 1, Due Before
• Explain the nature and purpose of data items,	Monday, January 22 at 11:59 PM
<ul><li>information, and knowledge and how they are used</li><li>Examine the basic components of an information</li></ul>	
system and interrelationships among components	
• Explain how IT affects organizations, managers,	
employees, and society	
Session 2 - January 16	READ Chapter 2
Global Information Systems: Concepts, Management	·
and Strategy	Practice Questions:
Learning Objectives:	IT's About Business 2.2 Renting
Discuss the importance of planning for information	Electric Vehicles for Competitive
technology, and the link between IT planning,	Advantage
business planning and strategy	IT's About Business 2.3, MLSE
<ul> <li>Explain business process management and the role IT plays as an enabler</li> </ul>	Deploys Technology to Win
Examine business pressures and how organizations	Championships and Attract and
respond to them with the use of IT	Connect Fans
Explain the role of IT in building competitive	Reminder: Do Quiz 2, Due Before
advantage using Porter's five forces model and value	Monday, January 22 at 11:59 PM
chain model	Monday, Sandary 22 at 11.00 m
Assess which strategies for competitive advantage	
could match selected organizations	
<ul> <li>Discuss the alignment between business strategy and IT and the role of information technology</li> </ul>	
governance	
Session 3 - January 23	READ Chapters 3 and 4
Ethics, Privacy, Information Security and Controls	
Learning Objectives:	Practice Questions:

• Discuss the role of ethics in the corporate	Chapter 3 Opening Case Facial
environment and the major ethical issues raised by	Recognition in India Raises
using information systems	Concerns
Describe privacy and explain how IT affects privacy	
Discuss privacy of information and anti-spam	IT's About Business 4.1, Hospital
legislation in Canada and the implications for IT	for Sick Children (SickKids) Goes
• Explain the main threats and risks to information	Code Grey
security and information systems	,
Describe the purpose and nature of enterprise risk	Reminder: Do Quiz 3, Due Before
management and how it is used to develop the	Monday, January 29 at 11:59 PM
different types of IS security controls, providing	wonday, bandary 25 at 11.00 h w
examples of each	
Link controls to the threats they could mitigate or	
prevent	
• Explain the roles of business continuity planning and	
of information systems auditing	
Identify behavioural and computer-based actions	
you could take to protect your information assets	
using a risk-based approach	
Session 4 - January 30	READ Chapter 5, including the
Data, Information and Knowledge Management	Appendix.
Learning Objectives:	
Describe the difficulties of managing data and how	Practice Questions:
they can be mitigated by data governance	Chapter 5 Opening Case:
• Explain the characteristics of relational database	Elementary, Watson, Not Quite So Fast, IBM.
management systems and their role in information	
reporting	IT's About Business 5.2 Data
• Use the data hierarchy and build E-R (entity	Lakes and Lakehouses
relationship) diagrams	
Provide an example of an SQL query; use E-R	Reminder: Do Quiz 4, Due Before
diagrams and explain how normalization is	Monday, February 5 at 11:59 PM
accomplished using database joins	wonday, rebraary 5 at 11.55 r w
Discuss methods and strategies for effectively	Max Laba Assignment
managing big data	Max Labs Assignment
• Explain the nature of big data, data warehouses and	Lab 1a due Tuesday, January 30
data marts, their advantages, disadvantages, and	at 11:59 PM
how they facilitate business analytics	
• Explain the knowledge management system cycle	
and describe the role of knowledge management	
systems in managing explicit and tacit knowledge	PEAD Technology Ouidee
Session 5 - February 6	READ Technology Guides
Managing Computer Hardware and Software	1, 2 and 3
Learning Objectives:	
Discuss the computer hierarchy and explain its	Practice Questions:
impact on IT usage	IT's About Business 1.2
	Lululemon's Success During and
	Despite the COVID-19 Pandemic

• Define the main hardware and software components	
of an information system and consider how they are	Chapter 1 Closing Case Hybrid Work Means Hybrid Meetings
used for business applications	, , ,
Explain the characteristics and uses of different	Reminder: Do Quiz 5, Due Before
types of information systems storage	Monday, February 12 at 11:59 PM
Discuss the differences between system software	
and application software with examples	
Discuss the advantages and disadvantages of open-	Max Labs Assignment
<ul><li>source software</li><li>Describe the types of cloud computing, providing</li></ul>	Lab 1b due Tuesday, February 6
examples of how they are used for differing enterprise	at 11:59 PM
computing goals	
Discuss the benefits of and concerns with cloud	
computing.	
• Examine strategic issues related to hardware,	
software and cloud computing	
Session 6 - Midterm (Covering Sessions 1 to 5	DO Practice midterm exam and
inclusive), on Friday, February 16 at 4PM.	read the study tips
Location CLH A (Curtis Lecture Hall).	
Studente who might the midterm exemination may	
Students who miss the midterm examination may write the alternative examination on Tuesday,	
February 27 at 7 PM with appropriate documentation.	
(Location TBA).	
See "About the grading scheme" section of this	
course outline for more details	
Reading week, no classes	February 17 to February 24
Reading week, no classes Session 7 - February 27	February 17 to February 24 READ Chapters 6 and 9
Reading week, no classes Session 7 - February 27 Harnessing Telecommunications Networks, Web 2.0	READ Chapters 6 and 9
Reading week, no classes Session 7 - February 27 Harnessing Telecommunications Networks, Web 2.0 and Social Computing	READ Chapters 6 and 9 Practice Questions:
Reading week, no classes Session 7 - February 27 Harnessing Telecommunications Networks, Web 2.0 and Social Computing Learning Objectives:	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The
Reading week, no classesSession 7 - February 27Harnessing Telecommunications Networks, Web 2.0and Social ComputingLearning Objectives:• Describe the hardware, software and standards that	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with
Reading week, no classesSession 7 - February 27Harnessing Telecommunications Networks, Web 2.0and Social ComputingLearning Objectives:• Describe the hardware, software and standards thatcomprise modern networks	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The
Reading week, no classesSession 7 - February 27Harnessing Telecommunications Networks, Web 2.0and Social ComputingLearning Objectives:• Describe the hardware, software and standards thatcomprise modern networks• Discuss how the telecommunications and network	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New
Reading week, no classesSession 7 - February 27Harnessing Telecommunications Networks, Web 2.0and Social ComputingLearning Objectives:• Describe the hardware, software and standards thatcomprise modern networks• Discuss how the telecommunications and networktechnologies that comprise a telecommunications	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing
Reading week, no classes         Session 7 - February 27         Harnessing Telecommunications Networks, Web 2.0         and Social Computing         Learning Objectives:         • Describe the hardware, software and standards that comprise modern networks         • Discuss how the telecommunications and network technologies that comprise a telecommunications system and that enable the Internet, intranets and	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing through Social Networks in
Reading week, no classesSession 7 - February 27Harnessing Telecommunications Networks, Web 2.0and Social ComputingLearning Objectives:• Describe the hardware, software and standards thatcomprise modern networks• Discuss how the telecommunications and networktechnologies that comprise a telecommunicationssystem and that enable the Internet, intranets andextranets support individuals and organizations	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing
Reading week, no classes         Session 7 - February 27         Harnessing Telecommunications Networks, Web 2.0         and Social Computing         Learning Objectives:         • Describe the hardware, software and standards that comprise modern networks         • Discuss how the telecommunications and network technologies that comprise a telecommunications system and that enable the Internet, intranets and extranets support individuals and organizations         • Discuss the origins and potential future of the	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing through Social Networks in Canadian Businesses
Reading week, no classes         Session 7 - February 27         Harnessing Telecommunications Networks, Web 2.0         and Social Computing         Learning Objectives:         • Describe the hardware, software and standards that comprise modern networks         • Discuss how the telecommunications and network technologies that comprise a telecommunications system and that enable the Internet, intranets and extranets support individuals and organizations         • Discuss the origins and potential future of the Internet	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing through Social Networks in Canadian Businesses Reminder: Do Session 7 Quiz 6,
Reading week, no classes         Session 7 - February 27         Harnessing Telecommunications Networks, Web 2.0         and Social Computing         Learning Objectives:         • Describe the hardware, software and standards that comprise modern networks         • Discuss how the telecommunications and network technologies that comprise a telecommunications system and that enable the Internet, intranets and extranets support individuals and organizations         • Discuss the origins and potential future of the Internet         • Discuss the main applications of network	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing through Social Networks in Canadian Businesses Reminder: Do Session 7 Quiz 6, Due Before Monday, March 4 at
Reading week, no classes         Session 7 - February 27         Harnessing Telecommunications Networks, Web 2.0         and Social Computing         Learning Objectives:         • Describe the hardware, software and standards that comprise modern networks         • Discuss how the telecommunications and network technologies that comprise a telecommunications system and that enable the Internet, intranets and extranets support individuals and organizations         • Discuss the origins and potential future of the Internet         • Discuss the main applications of network technologies in businesses for the purposes of	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing through Social Networks in Canadian Businesses Reminder: Do Session 7 Quiz 6,
Reading week, no classes         Session 7 - February 27         Harnessing Telecommunications Networks, Web 2.0         and Social Computing         Learning Objectives:         • Describe the hardware, software and standards that comprise modern networks         • Discuss how the telecommunications and network technologies that comprise a telecommunications system and that enable the Internet, intranets and extranets support individuals and organizations         • Discuss the origins and potential future of the Internet         • Discuss the main applications of network technologies in businesses for the purposes of discovery, communication, collaboration, and	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing through Social Networks in Canadian Businesses Reminder: Do Session 7 Quiz 6, Due Before Monday, March 4 at
Reading week, no classesSession 7 - February 27Harnessing Telecommunications Networks, Web 2.0and Social ComputingLearning Objectives:• Describe the hardware, software and standards thatcomprise modern networks• Discuss how the telecommunications and networktechnologies that comprise a telecommunicationssystem and that enable the Internet, intranets andextranets support individuals and organizations• Discuss the origins and potential future of theInternet• Discuss the main applications of networktechnologies in businesses for the purposes of	READ Chapters 6 and 9 Practice Questions: IT's About Business 6.3 The Takla Lake Nation Partners with Technology to Onboard New Talent IT's About Business 9.3 Marketing through Social Networks in Canadian Businesses Reminder: Do Session 7 Quiz 6, Due Before Monday, March 4 at

<ul> <li>Discuss the benefits, risks, and risk mitigation strategies of social commerce for individuals and organizations</li> <li>Explain the impact of social networking on organizations, including innovative uses for marketing, customer service and human resources</li> </ul>	
<ul> <li>Session 8 - March 5</li> <li>Utilizing E-business and E-Commerce; Wireless Technologies</li> <li>Learning Objectives: E-business and E-Commerce</li> <li>Describe and provide examples of the different types of e-commerce, their mechanisms and e-commerce business models for organizations, consumers, and employees</li> <li>Explain the different types of electronic payment methods and discuss their risks and benefits</li> <li>Describe ethical and legal issues associated with e-business</li> <li>Wireless Technologies</li> <li>Describe and evaluate the main types of wireless transmission media and networks</li> <li>Describe the major threats to wireless networks and how they could be mitigated</li> <li>Examine the Internet of Things and assess which sensors could be used</li> <li>Consider the effects of global positioning systems on the application of mobile computing and mobile commerce</li> </ul>	READ Chapters 7 and 8 Practice Questions Chapter 7 Opening Case TEMU Arrives in Canada IT's About Business 7.1 Omnichannel Target(ing) Reminder: Do Session 8 Quiz 7, Due Before Monday, March 11 at 11:59 PM Max Labs Assignment Lab 2a due Tuesday, March 5 at 11:59 PM
Session 9 - March 12	READ Chapter 10
<ul> <li>Using Information Systems within the Organization <u>Learning Objectives:</u></li> <li>Review the different types of information systems and their users</li> <li>Examine the benefits and limitations of transaction processing systems, functional area information systems, and ERP (enterprise resource planning) and ERP II systems</li> <li>Provide examples of these systems for typical organizations, stating how they would be used</li> <li>Discuss functional area information systems' reports and their uses</li> <li>Explain how ERP supports cross-functional business processes</li> </ul>	Practice Questions Opening Case Composable Business Closing Case When Gummy Bears are Late due to an ERP Project Failure Reminder: Do Session 9 Quiz 8, Due Before March 18 at 11:59 PM Max Labs Assignment Lab 2b due Tuesday, March 12 at 11:59 PM

Session 10 - March 19	READ Chapter 11
Customer relationship management, supply chain	
management and information technology	Practice Questions
Learning Objectives:	Closing Case, IT Helps Laura
Explain the basic concepts of CRM (customer	Canada to Come Back
relationship management) and SCM (supply chain	
management)	Opening Case, Robots to the
Describe the functions and business applications of	Rescue
multiple types of CRM	
Describe problems along the supply chain and how	Reminder: Do Session 10 Quiz 9.
IT can be used to solve them	Due Before Tuesday, March 25 at
Describe EDI (electronic data interchange) and	11:59 PM
discuss its advantages and disadvantages	
<ul> <li>Explain how EDI, extranets and portals support</li> </ul>	Max Labs Assignment
SCM	Lab 3a due Tuesday, March 19 at
	11:59 PM
Session 11 - March 26	READ Chapters 12 and 14
The Power of Business Analytics and Artificial	
-	Practice Questions
Intelligence	Chapter 14 Closing Case AI in the
Learning Objectives:	Car Repair Industry
• Describe roles performed by managers and explain	
the functions that IT plays in supporting decision	IT's About Business 12.1 United
making	Parcel Service Uses Three Types
Describe the business analytics process and its	of Analytics
supporting pillars	
Provide the statistical procedures used to facilitate	Reminder: Do Session 11
descriptive, predictive, and prescriptive analytics	Quiz 10, Due Before April 1 at
and relate these to effective use of business	11:59 PM
intelligence	
Describe tools used for data presentation that	
support business analytics and business intelligence	Max Labs Assignment
(dashboards and data visualization technologies)	Lab 3b due Tuesday, March 26 at
Contrast the capabilities of natural and artificial	11:59 PM
intelligence (AI) systems and the impact on	11.331 M
organizations	
• Discuss the advantages, disadvantages and provide	
examples of machine learning, deep learning, neural	
networks, and other types of artificial intelligence	
Session 12 - April 2	READ Chapter 13
Acquiring Information Systems and Applications	
Learning Objectives:	Practice Questions
Justify the importance of information technology	Chapter Opening Case,
planning	Southwest Airlines Meltdown Due
Describe the processes used to justify IT	to Technical Debt
investments	

<ul> <li>Discuss the advantages and disadvantages of</li></ul>	IT's About Business 13.1
eight strategies for acquisition of IT applications <li>Describe the six processes in the traditional</li>	Software Packages with Heart
systems development process and discuss its	Reminder: Do Session 12
advantages and disadvantages <li>Evaluate the advantages and disadvantages of</li>	Quiz 11, Due Before <b>Monday</b> ,
alternative systems development methods and tools <li>Decide which acquisition method is best for</li>	April 8 at 11:59 PM
different requirements or businesses	(last day of classes)
Session 13 Final Examination During regular examination schedule, April 10 to 25, Cumulative: Covering Sessions 1 - 12 See "Relevant university regulations" section of this course outline for more details.	DO Practice final exam and weekly practice questions

## **RELEVANT UNIVERSITY REGULATIONS:**

Should there be any updates to these regulations, you can review the most recent Faculty of Liberal Arts and Professional Studies regulations, which are used by SAS (the School of Administrative Studies) at: https://www.yorku.ca/laps/sas/academicresources/common-course-policies/

Deferred Exams: Deferred standing may be granted to students who are unable to write their final examination at the scheduled time or to submit their outstanding course work on the last day of classes. Details can be found at

http://myacademicrecord.students.yorku.ca/deferred-standing

Any request for deferred standing on medical grounds must comply with University regulations. As of the writing of this outline the requirement for APS forms had been suspended. If it resumes, the University will inform you of such resumption, and you would include an Attending Physician's Statement form; a "Doctor's Note" will not be accepted.

DSA Form: http://www.registrar.yorku.ca/pdf/deferred\_standing\_agreement.pdf

Attending Physician's Statement form: http://registrar.yorku.ca/pdf/attendingphysiciansstatement.pdf

In order to apply for deferred standing (even without a DSA), students must register at https://www.yorku.ca/laps/sas/academic-resources/deferred-exam-requests/

followed by handing in a completed DSA form and supporting documentation directly to the main office of the School of Administrative Studies (282 Atkinson) and add your ticket number to the DSA form. The DSA and supporting documentation must be submitted no later than five (5) business days from the date of the exam. These

requests will be considered on their merit and decisions will be made available by logging into the abovementioned link. No individualized communication will be sent by the School to the students (no letter or e-mails).

Students who submit a request in compliance with University regulation or with approved DSA will be able to write their deferred examination during the School's deferred examination period. No further extensions of deferred exams shall be granted. The format and covered content of the deferred examination may be different from that of the originally scheduled examination. The deferred exam may be closed-book, cumulative and comprehensive and may include all subjects/topics of the textbook whether they have been covered in class or not. Any request for deferred standing on medical grounds must include an Attending Physician's Statement form; a "Doctor's Note" will not be accepted.

School of Administrative Studies deferred exams for the Winter 2024 term will be scheduled for the second half of May 2024.

Academic Honesty: The Faculty of Liberal Arts and Professional Studies considers breaches of the Senate Policy on Academic Honesty to be serious matters. The Senate Policy on Academic Honesty is an affirmation and clarification for members of the University of the general obligation to maintain the highest standards of academic honesty. As a clear sense of academic honesty and responsibility is fundamental to good scholarship, the policy recognizes the general responsibility of all faculty members to foster acceptable standards of academic conduct and of the student to be mindful of and abide by such standards. Suspected breaches of academic honesty will be investigated, and charges shall be laid if reasonable and probable grounds exist.

Students should review the York Academic Honesty policy for themselves at: <u>https://secretariat-policies.info.yorku.ca/policies/academic-honesty-senate-policy-on/</u>

Students might also wish to review the interactive on-line Tutorial for students on academic integrity, at: <u>https://spark.library.yorku.ca/academic-integrity-what-isacademic-integrity/</u>

Grading Scheme and Feedback Policy: The grading scheme (i.e. kinds and weights of assignments, essays, exams, etc.) shall be announced, and be available in writing, within the first two weeks of class, and, under normal circumstances, graded feedback worth at least 15% of the final grade for Fall, Winter or Summer Term, and 30% for 'full year' courses offered in the Fall/Winter Term be received by students in all courses prior to the final withdrawal date from a course without receiving a grade, with the following exceptions:

Note: Under unusual and/or unforeseeable circumstances which disrupt the academic norm, instructors are expected to provide grading schemes and academic feedback in the spirit of these regulations, as soon as possible. For more information on the Grading Scheme and Feedback Policy, please visit:

https://secretariat-policies.info.yorku.ca/policies/grading-scheme-and-feedback-policy/

Tests and Exams - the 20% Rule: For all Undergraduate courses, except those which regularly meet on Friday evening or on a weekend, tests or exams worth more than 20% will not be held in the two weeks prior to the beginning of the official examination period. For further information on the 20% Rule, please visit:

http://secretariatpolicies.info.yorku.ca/policies/limits-on-the-worth-of-examinations-inthe-final-classesof-a-term-policy/

Reappraisals: Students may, with sufficient academic grounds, request that a final grade in a course be reappraised (which may mean the review of specific pieces of tangible work). Non-academic grounds are not relevant for grade reappraisals; in such cases, students are advised to petition to their home Faculty. Students are normally expected to first contact the course director to discuss the grade received and to request that their tangible work be reviewed. Tangible work may include written, graphic, digitized, modeled, video recording or audio recording formats, but not oral work. Students need to be aware that a request for a grade reappraisal may result in the original grade being raised, lowered or confirmed. For reappraisal procedures and information, please visit the Office of the Registrar site at:

http://myacademicrecord.students.yorku.ca/gradereappraisal-policy

Accommodation Procedures: LA&PS students who have experienced a misfortune or who are too ill to attend the final examination in an ADMS course should not attempt to do so; they must pursue deferred standing. Other students should contact their home Faculty for information. For further information, please visit: http://ds.info.yorku.ca/academicsupport-accomodations/

Religious Accommodation: York University is committed to respecting the religious beliefs and practices of all members of the community, and making accommodations for observances of special significance to adherents. For more information on religious accommodation, please visit:

https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs

Academic Accommodation for Students with Disabilities (Senate Policy) The nature and extent of accommodations shall be consistent with and supportive of the integrity of the curriculum and of the academic standards of programs or courses. Provided that students have given sufficient notice about their accommodation needs, instructors shall take reasonable steps to accommodate these needs in a manner consistent with the guidelines established hereunder. For more information, please visit the Counselling and Disability Services website at

https://secretariatpolicies.info.yorku.ca/policies/academic-accommodation-for-studentswith-disabilitiesguidelines-procedures-and-definitions/

York's disabilities offices and the Registrar's Office work in partnership to support alternate exam and test accommodation services for students with disabilities at the Keele campus. For more information on alternate exams and tests please visit <u>http://www.yorku.ca/altexams/</u>

Please alert the Course Director as soon as possible should you require special accommodations.

Effective date: Feb 11, 2024