GENERAL INFORMATION:
Class Schedule: Monday & Wednesday: 1.00 pm - 2:15 pm; ED 623
Instructor: Dr. Ernest Johnson
Office Hours: Tuesday: 6:00 pm - 7:00 pm @ ED 565.10 or by appointment
E-mail: ernest.johnson@uregina.ca   *Phone:* 306-585-4727

COURSE OVERVIEW:
Information systems are a critical aspect of competing in today's business environment. The objective of this course is to develop an understanding of the opportunities and challenges that organizations face in managing their information systems. Specifically the course is designed to develop the following perspectives, competencies, and skills relevant to understanding information systems.

1. **Perspective**: An understanding of information systems framed by:
    - An appreciation of the complexity of information systems within an organizational context shaped by a competitive business environment.
    - A dynamic view of the interrelationship between technology, organizations and the managerial challenges posed by information systems.
    - The need for ongoing collaboration between technologists, business managers and users to develop effective information systems.

2. **Competencies**: Develop your knowledge of:
    - Various types of information systems, and the varied roles these systems serve to support the management systems and operational processes of businesses.
    - A general understanding and improved literacy of information systems technology.
    - The meaning and implications of effectively managing information as an organizational resource.
    - Organizational challenges inherent in managing the development, adoption and continuous improvement of information systems.
    - Opportunities information systems provide to secure competitive advantage focusing on:
        a) IT-enabled process innovation within established businesses, and;
        b) New business opportunities based on the technological infrastructure of the internet.

3. **Skills**: Enhance your "hand on" skills in using information technology:
    - Conducting business research using on-line information resources
    - Using electronic communications to facilitate collaborative work
    - Using presentation graphics and web publishing tools to present business reports
    - Basic understanding of designing and using DBMS software.

LEARNING APPROACH:
Code of conduct for the Faculty of Business Administration: The University of Regina Business program prepares students for a professional career. Students are expected to conduct themselves as professionals, to take responsibility for their own learning, and to show their respect for other people by treating all students, as well as faculty and staff. Kindly read academic misconduct and plagiarism at: https://www.uregina.ca/student/registrar/resources-for-students/academic-calendars-andschedule/undergraduate-calendar/index.html or ask your Instructor in advance about plagiarism or misconduct.

Special Need: The Centre for Student Accessibility upholds the University's commitment to a diverse and inclusive learning environment by providing services and supports for students based on disability, religion, family status, and gender identity. Students who require these services are encouraged to contact the Centre for Student Accessibility to discuss the possibility of academic accommodations and other supports as early as possible. For further information, please email accessibility@uregina.ca.

Proactive Learning: There are far more limitations on what an instructor can teach than there are on what a body of students can learn. This axiom is especially true in developing your understanding of the managerial implications of information systems; a field characterized by rapid technological change. Preparation coupled with active participation in class is critical if we are to learn from each other. As a result each day student must be prepared to bring their knowledge/curiosity regarding the subject to class.

Learning as a Team: You will be assigned to a team (group) for the course. The teams assigned by the instructor will consist of few members. Depending on the enrolment, number of students in each team will be assigned. Team members are responsible to make contribution to the work of their team that reflects a full commitment of their abilities. This includes providing constructive feedback and suggestions to their team mates, and to use the feedback provided to them in their own work. At the conclusion of the course *(during final exam), peer evaluations* will be collected to assess the contribution individuals make to the completion of the team assignments. Depending on the feedback provided by the peer evaluations, instructor may adjust the group projects marks to individuals within a team. By working within a team each individual will:

- Learn more about the perspectives, competencies and skills that comprise the objective of this course.
- Develop the managerial skills of listening, providing feedback and coaching that are central learning objectives of the entire business program.

REFERENCE *BOOKS (Limited copies are available in the library):*

   Management Information Systems: Managing the digital firm (17E) by Kenneth C. Laudon and Jane P. Laudon. Pearson, 2022, ISBN-13: 978-0-13-697127-6.
   Or
   Management Information Systems: Managing the digital firm (7th **Canadian Edition)** by Kenneth C. Laudon, Jane P. Laudon, and Mary Elizabeth Brabstone. Pearson, 2015, ISBN 978-0-13-315684-3.

TEACHING PHILOSOPHY:

Since this is the **only** course related to management information systems, class time will be used to *cover basis fundamental principal(s)* found from reference books and other resources. Group assignments are given during this course. Also, I will assume that you have read the text topics and power points before each class. Lectures will expand on the text; with real examples and some presentations (if needed). E-handouts will be given when necessary. Videos will be used in this course, where appropriate. UR courses will be used to post course-related information.

GRADES:

The final exam is comprehensive covering course content from the entire semester. If you cannot write the final exam for a legitimate reason, please contact the Associate Dean – Undergraduate programs.

<u>Individual</u>

Mid-Term	30%
Final	40%

Group Assignment

Case study	15%
Advance Technology Topic (Assignment 2) *	15%

TENTATIVE SCHEDULE: *BUS 375 MANAGEMENT INFORMATION SYSTEMS*

DATE	TOPIC	CHAPTER
Part 1: Organizations, Management & Networked Enterprise *(Business Perspective of MIS)*		
Aug 30	Course Introduction	
Sep 06 - 11	Information Systems in Business Today *(Introduction to MIS and its Business Perspective)*	1 & 2
Sep 13 - 18	How Business Use Information *(Various types of IS applications)*	2
Sep 20 - 25	Information systems, Organizations, and Strategy	3 & 2
Sep 27 – Oct 2	Social, Ethical and Legal Issues in the Digital Firm	4
Oct 04 – 16	System Development	13 & 11
Oct 18 - 23	E-Commerce: Digital Market and Digital Goods **Tentative Due Date for Assignment 1**	10
Oct 25	**Mid Term**	
Part 2: Information Technology Infrastructure *(Technical Foundation & applications of IS)*		
Oct 30 - Nov 1	IT Infrastructure and Emerging Technologies	5 & 7
Nov 06 - Nov 08	Databases and Information Management	6
Nov 13 – Nov 15	Securing Information Systems	8
Part 3: Key Applications for the Digital Age & Developing and Managing Systems		
Nov 20 – 22	Enterprise Applications to Manage Supply Chains & Respond to Customers	9
Nov 27	Enhancing Decision Making	12
Nov 29 - Dec 4	Managing Global Systems/ Review for Final **Tentative Due Date for Advance Technology Assignment 2**	11

*Assignment 2 grade will be available after completing individual peer evaluation