GENERAL INFORMATION:

Class Schedule: Tuesday & Thursday: 10:00 am - 11:15 am; Education Building 616  
Instructor: Dr. Ernest Johnson  
Office Hours: Wednesday: 5:45 pm - 6:45 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 your understanding of the opportunities and challenges that organisations 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:
     - IT-enabled process innovation within established businesses, and;
     - 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.

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 and curiosity regarding the subject to class.

Learning as a Team: You will be assigned to a team (group) for the major course project due at the end of the term. The teams for these projects will consist of few members. Depending on he 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 projects. Depending on the feedback provided by the peer evaluations, the instructor may adjust the group projects assigned 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.

TEXT:


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 in and around textbook and other
resources. Group assignment and project are given during class time and groups must be formed. Large group assignment has to be presented before the class. If presentation is not done those students will be given zero. Also, I will assume that you have read the text topics before each class. Lectures will expand on the text; with real examples and some spreadsheet presentations. Handouts will be given when necessary. Technology will be used in this course, where appropriate. UR courses will be used to post course-related information.

**GRADES:**

- **Individual**
  - Midterm: 20%
  - Final: 50%

- **Group Assignment**
  - Assignment: 05%
  - Database Project*: 25%

**BUS 375-001 – MANAGEMENT INFORMATION SYSTEMS - FALL 2019**

**TENTATIVE SCHEDULE:**

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<thead>
<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>CHAPTER</th>
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<tbody>
<tr>
<td><strong>Part 1: Business Perspective of Management Information Systems (MIS)</strong></td>
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<tr>
<td>Sep 5</td>
<td>Course Introduction</td>
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<tr>
<td>Sep 10-12</td>
<td>Introduction to MIS and its Business Perspective</td>
<td>Ch 1 &amp; 3</td>
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<tr>
<td>Sep 17-19</td>
<td>Various types of IS applications</td>
<td>Ch 2</td>
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<tr>
<td>Sep 24-26</td>
<td>E-commerce &amp; E-business; Information systems, Organizations, and Strategy; Social, Ethical and Legal Issues: an overview</td>
<td>Ch 3, 4 &amp; 10</td>
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<td>Oct 1-3</td>
<td>System Development</td>
<td>Ch 13</td>
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<tr>
<td>Oct 8-9</td>
<td>IS quality, security and control/ Review</td>
<td>Ch 8</td>
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<tr>
<td>Oct 15</td>
<td>Midterm (Due to class size the location and time may be changed)</td>
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| **Part 2: Technical Foundation and applications of Information Systems (IS)** |
| Oct 17     | Computer Hardware/Software                           | Class notes   |
| Oct 22-24  | Internet and IT Infrastructure                       | Ch 5          |
| Oct 29-31  | Database Management Systems                          | Ch 6          |
| Nov 12-14  | Data Communications & Networking computer software    | Ch 7          |
| Nov 19-Dec 5 | Student Presentations/Special topic –Guest lecture/ Review |           |

*Project grade will be available after completing individual peer evaluation