MIS 140
Management Information Systems
Course Syllabus for Winter Quarter 2016

Tues. 6:00 p.m. – 9:15 p.m.
Room: TBA

Instructor: Yujong Hwang, Ph.D.
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Office Hours: Mon/Tues 5:00 p.m. – 6:00 p.m.
and by an appointment

Course Description
This course addresses how information systems (IS) may be developed and used
to support business operations and management decisions. Students should
become knowledgeable, effective users of information and information
technology (IT), such as MS Access and Excel, with professional and managerial
roles as knowledge workers in organizations. Weekly lecture notes will be posted
on the D2L. Students are expected to download and review the notes before the
class lecture (PREREQ: none).

Course Objectives
Upon successful completion of this course, students should understand:
• the concept of an organization as a system; how information integrates the
  various parts of an organization; the nature of information; the information
  needs of managers, and how information systems support decision-making at
  all levels; effects of information technology on management processes,
  including existing and emerging forms of e-commerce.
• strategic uses of IT; how management information systems are developed and
  managed to help users meet their information needs; user roles in MIS
  development; how to communicate effectively with IS professionals.
• how and why to use several types of IT, such as MS Access and Excel, for
  problem solving and collaboration and how to apply this knowledge and these
  skills to managing organizations
• knowledge about database, big data, business intelligence, cloud computing,
  ethical and legal issues with IT management.

Course Material
Business Driven Information Systems, by Blatzan & Phillips, current or used
http://fac.comtech.depaul.edu/yhwang1/MIS140_Files.pdf
Grading
The grading components are as follows:

- Midterm Exam 25%
- Final Exam 35%
- Problem Set 15%
- Group Project 15%
- Class Participation 10%

Exams
There will be two closed book and closed note exams. The exams will include a combination of objective questions, short answer questions, and applied problems. Absence from an exam will result in a grade of zero unless the exam is missed due to a verifiable illness or family emergency on the exam day and permission from the instructor has been obtained prior to the exam. In the event of an excused absence from an exam, either a make-up will be given, or another exam or assignment will be weighted more heavily.

Problem Set
There will be problem set (PS) for Excel/Access. These problem set is individual assignments. Hence, all your printouts and other outcomes submitted for these assignments must be out of your own work. Any student who violates this rule or who knowingly assists another to violate this rule shall be subject to academic discipline. This PS will be directly related to the topics discussed in the Excel/Access Lab classroom. Due date of these PS are specified in the class schedule. The PS should be submitted at the beginning of class. Late PS will not be accepted. No hand-written PS will be accepted.

Group Project
There will be two group projects – (1) article presentation and (2) final interview/SWOT project – 7.5% each for 15% of group project score. Both presentations will be prepared with 10-15 power-point slides for up to 15 minutes presentation. The groups will be assigned randomly by an instructor, if you have no preference. The detailed description of project will be instructed in the class.

Class Participation
Students are expected to study the assigned course readings for a given day before coming to class and actively participate in the class activities. In addition, criteria for the credit include attendance, punctuality, and attitude toward learning. Please note that you are required to turn off your mobile phone before the class starts. Attendance will be taken regularly. In this course, a student who misses more than 20 percent of attendance checks, whether excused or unexcused, will be awarded no participation points. If you anticipate excessive absences, you must submit a written request and receive prior approval from the instructor before the last day to change schedule.
Final Grade
Final letter grades are *not* determined according to a "curve" that specifies in advance the proportion of people to receive each grade. Instead, letter grades are determined according to the percentage of possible credit achieved by each student, computed by adding together scores for individual grading components. Every student can check his/her updated grade using the D2L after the grading. The cutoff points to assign letter grades are typically as follows:

- **A (4.0):** 94 or higher
- **A- (3.7):** 90 or higher but lower than 94
- **B+ (3.3):** 87 or higher but lower than 90
- **B (3.0):** 84 or higher but lower than 87
- **B- (2.7):** 80 or higher but lower than 84
- **C+ (2.3):** 77 or higher but lower than 80
- **C (2.0):** 74 or higher but lower than 77
- **C- (1.7):** 70 or higher but lower than 74
- **D+ (1.3):** 67 or higher but lower than 70
- **D (1.0):** 60 or higher but lower than 67
- **F (0.0):** lower than 60

Class Policies

**Lecture Notes**
Lecture notes of this course will be available from the D2L before the lecture. You are strongly encouraged to download the files, print the slides, and use them for note-taking. Also, there will be frequent announcements on the D2L. Please check them before the class.

**Academic Misconduct**
The DePaul Student Handbook states: Conduct that is punishable under the Academic Integrity Policy could result in additional disciplinary actions by other university officials and possible civil or criminal prosecution. Full text located at [http://condor.depaul.edu/~handbook/code17.html](http://condor.depaul.edu/~handbook/code17.html)

**Accommodation for Students with Disabilities**
Any student in this class who has a documented visual impairment, hearing disability, or any other disability should contact the instructor during the first week of class to discuss and arrange any instructional accommodation that may be necessary.

**Code of Conduct**
Full text located at [http://accountancy.depaul.edu/contents/currentstudents//AccCodeofConduct.doc](http://accountancy.depaul.edu/contents/currentstudents//AccCodeofConduct.doc)
## Class Schedule

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<th>Week</th>
<th>Date</th>
<th>Topics</th>
<th>Readings</th>
<th>Note</th>
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<tr>
<td>1</td>
<td>Jan. 5</td>
<td>Class Orientation</td>
<td>Ch. 1</td>
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<td>Business Driven Management Information Systems</td>
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<td>Jan. 12</td>
<td>Decision and Process: Value Driven Business</td>
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<td>Hardware and Software Basics</td>
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<td>E-Business: Electronic Business Value</td>
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<td>Ethics and Information Security</td>
<td>Ch. 4</td>
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<td>4</td>
<td>Jan. 26</td>
<td>Infrastructures: Sustainable Technologies</td>
<td>Ch. 5</td>
<td>Article 3, 4</td>
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<td>Review for Midterm Exam</td>
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<td>Feb. 2</td>
<td><strong>Midterm Exam</strong></td>
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<td>Feb. 9</td>
<td>Data: Business Intelligence</td>
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<td>Designing Databases</td>
<td>Appendix C</td>
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<td>Feb. 16</td>
<td><strong>MS Access/Excel Lab Class</strong></td>
<td>Access module</td>
<td>Article 7</td>
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<td>Excel module</td>
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<td>Feb. 23</td>
<td><strong>MS Excel Lab Class</strong></td>
<td>Excel module</td>
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<td>Supplement</td>
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<td>Mar. 1</td>
<td>Enterprise Applications: Business Communications</td>
<td>Ch. 8</td>
<td>Problem Set due</td>
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<td>System Development and Project Management</td>
<td>Ch. 9</td>
<td>Article 9, 10</td>
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<td>10</td>
<td>Mar. 8</td>
<td>Final Interview/SWOT Group Presentation</td>
<td>Course Evaluation</td>
<td>Interview/SWOT Report due</td>
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<td>Review for Final Exam</td>
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<td><strong>Mar. 15</strong></td>
<td>Final Exam</td>
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*This schedule is tentative. It provides a general plan for the course; deviations may be necessary depending on the class progress.*
Final Interview/SWOT Group Project

Due on the Final Interview/SWOT Group Project Presentation date
15 minutes’ group presentation with 10-15 power point slides. Project Report up to 5 page written report that shows questions and responses from the interviewee and group’s SWOT analysis should be submitted on the presentation date.
Grading: This project and article presentation are 15% of your total grade

Objective:
The objective of this assignment is to:
(a) provide career guidance and insight related to the IS profession.
(b) establish realistic expectations that help future course selection and internship activities.
(c) create potential contacts for future positions or advise (mentoring).
(d) provide real world insight on the MIS and SWOT analysis.

Identify an experienced (5 years or greater in the field) IS professional or systems development participant (accountant, marketing manager, operation manager, and so forth) that has been involved in the entire process of implementation of an information system within his/her organization. Conduct and write-up structured interview. Be sure to place interviewees name, title, and the name of the organization they work at the top of the paper. Use the EXACT questionnaire format below to prepare your written assignment.

Suggested sources of interviewees: Try contacting the following: IS personnel in the organization which you are employed; if not employed, use the entree of a family member or friend; contact an IS professional that heads the IS operations of a Chicago based company: Banks, insurance companies, retailers, law firms, etc. Use your ingenuity!

Part A: Conduct a structured interview that addresses the following questions and present the responses in the class:

1) Name of organization, location, number of company employees, number of IS employees.
2) Generally, what type of IS technology do you use or plan to use (i.e., database, big data, ERP, wireless devices, business intelligence, cloud computing and so on)?
3) What IS functions within this company are outsourced (i.e., consulting/planning; operations; networking; end-user support; technical maintenance)?
4) What is your title and responsibilities in your job?
5) What department are you in and what is the relationship between your job and the rest of the organization?
6) How long have you been in this job? What did you do before assuming this job (career ladder to present)?
7) How did you become interested in a career in information systems?
8) What do you like about what you do?
9) What do you not like about what you do?
10) What formal education and training did you have prior to assuming your job?
11) What general advises to you have for a student that wants to make information systems their career?

Part B: Conduct a SWOT (strength, weakness, opportunity, and threat) analysis on the interviewee’s company and business.