MIS 3000 - 020 Management Information Systems (10215, W 2018) (Formerly MIS 300)

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COURSE DESCRIPTION

MIS 3000 is the second introductory MIS course for business students. This course offers a survey of the information system (IS) discipline and focuses on how information technology (IT) can help improve business processes and help managers be more effective decision makers. It is important for all business students to have an understanding of how they may interact with information systems as a manager, user, business/system analyst, or system developer. Key topics include business driven MIS, technical foundations of MIS, and enterprise MIS. This course will involve in-class exercises and an individual project that will give students an opportunity for learning by doing. The course will be challenging and demanding of your time and efforts.

COURSE PREREQUISITES

(MIS 1000 or MIS 100) or (CSI 1200 or CIT 120 or CSE 120) with a minimum grade of 2.0 in each course and Sophomore Standing.

COURSE MATERIALS

- Required Textbook:
  Rainer, Kelly; Prince, Brad; and Watson, Hugh. 2015. **Management Information Systems** (3rd edition), Wiley, Hoboken, NJ. **ISBN**: 978-1-118-89538-2.
- Software: Microsoft Excel, Microsoft Access, Microsoft Visio, and Microsoft SharePoint Designer, which are available in the open computer lab of the School of Business Administration (SBA).

COURSE OBJECTIVES

Upon the successful completion of this course, you will be able to achieve the following the Information Management Assurance of Learning Objectives:

- Identify alignment/misalignment of identified information (IS strategy) with organizational goals/objectives (Organizational strategy),
- Identify types of systems appropriate to the decision-making level within the organization,
- Organize properly information for efficient storage and retrieval,
- Identify the issues involved in creating information for decision making from data sources, and
- Identify the use of IS to support decision making in functional areas.

PERFORMANCE EVALUATION

Your performance in the course is evaluated from the following aspects.

Items	Percentages
Class participation and exercises	15%
Exams	55%
An individual project	30%
Total	**100%**

The maximum absolute score that a student could receive from this class is 100 points. The student's final numeric grade will be determined based on the following table. A student having **86.96%** in his/her score will receive 3.3 in final numeric grade.

Score	Grade	Score	Grade	Score	Grade	Score	Grade	Score	Grade	Score	Grade
98.00	4.0	89.00	3.5	80.00	3.0	75.00	2.5	70.00	2.0	65.00	1.5
96.00	3.9	***87.00***	***3.4***	79.00	2.9	74.00	2.4	69.00	1.9	64.00	1.4
94.00	3.8	***85.00***	***3.3***	78.00	2.8	73.00	2.3	68.00	1.8	63.00	1.3
92.00	3.7	83.00	3.2	77.00	2.7	72.00	2.2	67.00	1.7	62.00	1.2
90.00	3.6	81.00	3.1	76.00	2.6	71.00	2.1	66.00	1.6	61.00	1.1
										60.00	1.0

COURSE ADMINISTRATION

The lectures of this course will focus on the basic concepts and techniques about how to use IT/IS to improve business processes and help managers be more effective in decision making. Questions are always welcomed. Email questions may be answered at the beginning of the next class if not earlier, depending on the nature of the questions.

Regular on-time attendance is expected. Class attendance will be checked as needed. In addition, all individual submissions (e.g., exercises, cases, projects, and exams) and the project presentation will be used as the evidences of class attendance as well. Whenever required by the University, this record will be reported along with your final grade.

This course is conducted in a lab setting. No food or drink is allowed in the lab. Your computer activities during the class should be strictly confined to the class-related activities. Activities such as playing games will be subject to the penalty for class participation. Making or answering calls in classroom is prohibited during the class.

CLASS PARTICIPATIONS AND EXERCISES (15%)

Active class participation is expected. Exercises will be open book and open notes. The formats of exercises can be multiple choices, filling in blanks, or problem solving. The contents will be the concepts or techniques covered in classes or the textbook, or the applications of these concepts and techniques. A lowest score (percentage wise) will be dropped when calculating the overall score for the portion of class participation and exercises. You are responsible for retaining all exercises evaluated for credits.

EXAMS (55%)

The midterm exam is worth 20% and the final exam is worth 35%. The exams will focus on the important concepts, as discussed in classes and the textbook, and the applications of these concepts to business problems. The final exam will NOT be cumulative. Any change to the exam date and time will not be accommodated and no make-ups will be allowed for either midterm or final exam unless a qualified written document such as doctor's note is presented. All qualified make-up exams will be scheduled after the regular class exam.

THE INDIVIDUAL PROJECT (30%)

See the Appendix and the online Report Template.

LATE EXERCISE SUBMISSION AND MISSING CLASSES POLICY

Late submission is defined as the submission after the due date/time but before the review or return of the assignment. Each student is allowed to have two late submissions to cover such special situations as sickness or job commitments. Additional late submissions will not be accepted.

If you are going to miss any class, please ask one of your classmates to turn in your assignments due, take notes for you, or pick up any class handouts or exercises for you. You can also check the class website for a quick highlight of the contents covered in the class and then review related materials.

EXTRA CREDIT OPPORTUNITY (5%)

See the descriptions in the online Report Template.

ETHICS

Ethics here refers to the standards of conduct by which one's actions are judged right or wrong, honest or dishonest, fair or unfair. Please read and comply with the University's policy on academic conduct (i.e., ethical behavior). It is printed in the undergraduate and graduate catalogs. All policies and procedures outlined in the Oakland University (OU) student handbook apply to the activities (e.g., attendance sign-up, exercises, the individual project, and the exams) in this class.

TENTATIVE CLASS SCHEDULE (please refer to the class website for any updates)

Week	Date	Topics	Ch.	Comments
1	Jan. 4	Introduction to the class		
2	Jan. 9, 11	Introduction to Information Systems; Organizational Strategy, Competitive Advantage, and Information Systems	1, 2	
3	Jan. 16, 18	**Project introduction and project ideas;** Customer Relationship Management; Supply Chain Management; **MS Visio**	12, 13	
4	Jan. 23, 25	Data and Knowledge Management; Business Intelligence; Fundamentals of Relational Database Operations	3, 5, P3	
5	Jan. 30, Feb. 1	**Individual project website start up**		Initial project idea due via Moodle (2/1/2018)
6	Feb. 6, 8	Business Process and Business Process Management; Project Management; Midterm exam review; **Work on projects in class**	P1, P6	
7-1	Feb. 13	**Work on projects in class;** Project idea review;		
7-2	**Feb. 15**	**Midterm Exam (20%) (11:30am-12:45pm)**	1-3, 5, 12-13, P1, P3, P6	Scantron (Form No. 882-ES or 882-E) is needed
8	**Feb. 20, 22**	**(Winter Recess, No class)**		
9	Feb. 27, Mar. 1	Information Systems within the Organization; Acquiring Information Systems and Applications	11, 14	
10	Mar. 6, 8	Telecommunications and Networking; Wireless, Mobile Computing, and Mobile Commerce; Hardware and Software; Cloud Computing	4, 10, P2, P4	Revised/finalized project ideas due via Moodle (3/8/2018)
11	Mar. 13, 15	Ethics and Privacy; Information Security; Protecting Your Information Assets	6, 7, P7	
12	Mar. 20, 22	Social Computing; E-Business and E-Commerce	8, 9	
13	Mar. 27, 29	**Work on projects in class;** Final exam review		
14	Apr. 3, 5	**Individual project time**		
15	Apr. 10, 12	Individual project presentations (about five minutes each)		Individual report due via Moodle on Sunday, April 15
Tuesday, April 24		**Final exam (35%), 8:00-11:00 am**	4, 6-11, 14, P2, P4, P7	Scantron (Form No. 882-ES or 882-E) is needed

[#] Fall classes end 10 p.m. (Tuesday, April 17). STUDY DAY (Wednesday, April 18).

Whenever applicable, please refer to the descriptions below for your decisions.
"THAT, IN THE PREPARATION OF THE UNIVERSITY CALENDAR, EVERY REASONABLE EFFORT SHALL BE MADE TO AVOID CONFLICTS BETWEEN THE REGISTRATION AND FINAL EXAMINATION PERIODS AND RELIGIOUS HOLIDAYS LIKELY TO BE OBSERVED BY SUBSTANTIAL NUMBERS OF STUDENTS. WHEN SUCH CONFLICTS ARE UNAVOIDABLE BECAUSE OF OTHER SCHEDULE REQUIREMENTS ALTERNATIVE ARRANGEMENTS MAY BE MADE INFORMALLY OR STUDENTS MAY PETITION THE PROVOST IN WRITING FOR PERMISSION TO REGISTER OR TAKE THEIR EXAMINATIONS AT OTHER TIMES." April 13, 1971 minutes—University Senate

Grades Due and Roll (10:00am, Monday, April 30)