



BA 350 - Management Information Systems

COURSE SYLLABUS

Fall 2017

Instructor: Prof. Sergey K. Aityan, PhD, DSc,
Lecture Schedule: Tuesday, 12:30 PM – 3:15 PM
Credit: 3 units (45 lecture hours)
Office Hours: Monday, 11:15 AM – 12:15 PM
Thursday, 11:15 AM – 12:15 PM
Students are advised to schedule appointments on the appointment list on the information board at the professor's office that will ensure exact appointment time without waiting.

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Text:

1. Main Textbook:

Stair, R & Reynolds G. (2015)
Principles of Information Systems, 12th Edition
Course Technology; 12 edition
ISBN-10: 1285867165
ISBN-13: 978-1285867168

2. Course lecture notes:

Aityan, S. (2017). Management Information Systems,
<http://elearning.lincolnuca.edu>.

Last Revision: July 25, 2017

CATALOG DESCRIPTION

The course introduces different types of information systems for business, their goals, purposes, values, and major functionality. The emphasis is made on criteria and issues in selection of information system, problem definition, requirements, specifications, information flow and presentation, cost / time estimate, implementation, and maintenance. (3 units)

Prerequisite: BA 146, CS 10

COURSE OBJECTIVES

To introduce students to the use and development of management information systems and explore today's leading-edge topics including hardware, systems and application software, telecommunications and networks, the Internet, intranets, and extranets, electronic and mobile commerce, Business Information Systems of different types,

systems development process, security, privacy, and ethical issues in Information Systems and the Internet.

COURSE STRUCTURE

The course is structured in the form of lectures, discussions, course project, home assignments, quizzes, midterm and final exams.

COURSE PROJECT

Every student must complete and submit an assigned course project no later than two weeks before the end of semester.

REQUIREMENTS

All students are required to attend classes. Continuous assessment is emphasized. Written or oral quizzes will be given every week. Reading, writing, home tasks, and “business case study” assignments will be made throughout the course. Students must complete all assignments and take all quizzes, mid-term exam and final exam on the **dates due**. Plagiarism or cheating will result in the grade “F” (with zero points for the activity) and a report to the administration.

ATTENDANCE

Students are expected to attend each class session. If you cannot attend a class due to a valid reason, please notify the instructor prior to the class.

EXAMS

Both, midterm and final exams are structured as written essay to answer the given questions. Each exam includes six questions. The essay must be written clearly and easy to read, structurally with clear logical presentation of the answers. Graphs, charts, tables, and other supporting illustrations are required if needed. Examples to illustrate the answers are required.

Exams will cover all assigned chapters, any additional readings or supplementary materials covered in class. The final exam is comprehensive, i.e. includes the whole course. The exams are neither “open book” nor “open notes.”

Cheating in exam results in immediate termination of the exam, grade “F” with ZERO points, and report to the dean.

GRADING AND SCORING

All activities will be graded according to the points as shown below.

Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	F
Points	94-100	90-93	87-89	83-86	80-82	77-79	73-76	70-72	67-69	60-66	0-59

In exams every answer is graded by points from 0 to 100 and the total points for an exam are calculated as the average of the points received for all answers in the exam.

The final grade for the course will be given as the total weighted score for all activities according to the percentage shown in the table below.

Activity	Time	Percent
Quizzes, home tasks, and classroom activities	Every week	20%
Course project		20%
Mid-term exam	In the middle of the course	30%
Final exam	Last week of the course	30%

If both grades for the midterm and final exams are “F” the term grade for the course is “F” regardless of the grades for the project and classroom activities.

COURSE SCHEDULE

Lectures		Topic	Chapters
#	Date		
1	Aug. 22	(a) About the Course (b) Introduction to Information Systems	Ch. 1
2	Aug. 29	Information Systems in Organizations	Ch. 2
3	Sep. 5	Hardware: Input, Processing, and Output Devices	Ch. 3
4	Sep. 12	Software: Systems and Application Software	Ch. 4
5	Sep. 19	Organizing Data and Information	Ch. 5
6	Sep. 26	Telecommunications and Networks	Ch. 6
7	Oct. 3	The Internet, Intranets, and Extranets	Ch. 7 Ch. 8
8	Oct. 10	Midterm Exam	Chs. 1 - 8
9	Oct. 17	Electronic and Mobile Commerce	Ch. 9
10	Oct. 24	Enterprise Systems	Ch. 10
11	Oct. 31	(a) Information and Decision Support Systems	Ch. 11
12	Nov. 7	(a) Knowledge Management and Specialized Information Systems	Ch. 12
13	Nov. 14	(a) Systems Development: Investigation and Analysis (b) Systems Design, Implementation, Maintenance, and Review	Ch. 13
	Nov. 21	Thanksgiving Break – No classes	
14	Nov. 28	Comprehensive Final Exam	Ch. 1-13
15	Dec. 5	Course Project Presentations and Defense	

OTHER COMMENTS

- Please participate. What you put into the class will determine what you get out of it – and what others get out of it.
- Please come on time. Late arrivals disturb everyone else.
- If you miss a class, you are responsible for getting notes/slide printouts on the material covered from a classmate or the instructor.
- To avoid distracting noise in class, cellular phones must be turned off or the ringing mode silenced.

- Questions and comments during the class are welcome. Do not hesitate to ask questions – do not leave anything unclear for you.

MODIFICATION OF THE SYLLABUS

The instructor reserves the right to modify this syllabus at any time during the semester. Announcements of any changes will be made in a classroom.

APPENDIX. Program and Institutional Learning Outcomes.

Institutional Learning Outcomes (ILOs)	
<i>MBA Graduates of Lincoln University should be able to:</i>	
1b	Recognize and be able to work with the components of reasoning and problem solving; understanding concepts, assumptions, purpose, conclusions, implications, consequences, objections from alternative viewpoints, and frame of reference.
2b	Gather and assess relevant information, using abstract ideas to interpret it effectively; being able to develop well-reasoned conclusions and solutions, and testing them against relevant criteria and standards
3b	Be exemplary business professionals and try to ensure that the products of their efforts will be used in socially responsible ways, will meet social needs, and will avoid harmful effects to health and welfare
4b	Lead by example in order to create highly collaborative organizational environment, and be able to develop and use strategies to encourage employees at all organizational levels to do the same.
5b	Set goals and have a vision of the future. The vision should be owned throughout the organization. As effective leaders, they should habitually pick priorities stemming from their basic values.
6b	Continually look for, develop, and offer new or improved services, and be able to use original approaches when dealing with problems in the workplace.
7b	Demonstrate fluency in the use of tools, technologies and methods in the field. They should know how to evaluate, clarify and frame complex questions or challenges using perspectives and scholarship from the business discipline.

Program Level Outcomes (PLOs)	
<i>Students graduating our MBA program will be able to:</i>	
1	Develop and exhibit applied and theoretical knowledge in the field of management and business administration
2	Use theoretical knowledge and advanced problem solving skills to formulate solutions and identify risks in the following fields: international business, finance management, general business, human resources management, management information systems, marketing management
3	Communicate within a highly specialist environment that allows the presentation of critiques of complex strategic matters
4	Demonstrate autonomy, creativity, and responsibility for managing professional practices
5	Demonstrate leadership and set strategic objectives for team performance
6	Identify ethical issues/problems in business organizations and reach decisions within ethical framework

Institutional Learning Outcomes (ILOs)	
<i>DBA Graduates of Lincoln University should be able to:</i>	
1c	Incorporate various modes of thinking, among them: scientific thinking, mathematical thinking, historical thinking, anthropological thinking, economic thinking, and moral thinking.
2c	Operate within alternative systems of thought, recognizing and assessing the needs, with related assumptions, implications, and practical consequences; and being able to communicate results effectively with others in figuring out solutions to complex problems
3c	as exemplary business professionals, minimize the possibility of indirectly harming others by following accepted standards at local, national or international levels; to be able to assess the likelihood and physical and social consequences of any developed product's harm to others.
4c	Integrate collaboration into organizational workflows, create a supportive environment for collaboration and teamwork, and lead by example.
5c	Have perseverance to accomplish a goal despite potential obstacles, use sound judgments to make decisions at a right time, and make timely appropriate changes in thinking, plans, and methods in achieving organizational goals.
6c	Set up realistic goals for the organization, encourage innovative strategies, and convey a clear sense of future direction to employees.
7c	Formulate and arrange ideas, designs, or techniques, and apply them to specific issues and problems. They should be able to apply current research, scholarship and or/techniques in the field.

Program Level Outcomes (PLOs)	
<i>Students graduating our DBA program will be able to:</i>	
1	Demonstrate advanced knowledge and competence in the latest academic theories, concepts, and techniques in the field of business administration.
2	Demonstrate effective research skills including formulation of research problem; integration of previous literature into an appropriate literature review; design of a research study; data analysis; and summary and presentation of results.
3	Create and present advanced forms of oral and written communications, including teaching and advising.
4	Generate, evaluate and assess the ethical obligations and responsibilities of business for the purpose of responsible management.
5	Apply the knowledge from the area of specialization and provide consulting to other business industries or other fields.