



Lincoln University

BA 350 – Management Information Systems

COURSE SYLLABUS Spring, 2018

Instructor: Prof. Sergey Aityan, PhD, DSc
Lecture Schedule: Tuesday, 12:30 PM – 3:15 PM
Credits: 3 units / 45 lecture hours
Level: Mastery 1 (M1)
Office Hours: Monday, 11:15 AM – 12:15 PM
Thursday, 11:15 AM – 12:15 PM
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Textbooks: Stair, R & Reynolds G. (2015) Principles of Information Systems, 12th Edition, Course Technology; ISBN-10: 1285867165; ISBN-13: 978-1285867168

Last Revision: January 13, 2018

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

EDUCATIONAL 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 LEARNING OUTCOMES¹

	Course LO	Program LO	Institutional LO	Assessment Activities
1	Students are expected to develop familiarity with the theoretical and practical side of Management Information Systems	PLO 1	ILO 1b, ILO 2b	Course project, quizzes, midterm/final exam
2	Students have to be able to identify a problem area and propose an information system to solve the problem.	PLO 2	ILO 1b, ILO 2b, ILO 4b	Course project
4	Students are expected to propose and work on initial specification of an information system	PLO 4	ILO 4b, ILO 5b, ILO 6b	Course project
5	Students are expected to work on a team to identify a problem area and propose a management information system to solve the problem.	PLO 5	ILO 4b, ILO 5b	Course project

INSTRUCTIONAL METHODS

This is a direct classroom instruction course.

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

Assignments and projects require students to actively use resources of the library. Detailed guide to business *resources of the library* as well as the description of Lincoln University approach to *information literacy* are available at the [Center for Teaching and Learning](http://ctl.lincolnuca.edu) website (ctl.lincolnuca.edu).

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.

¹ Detailed description of learning outcomes and information about the assessment procedure are available at the [Center for Teaching and Learning](http://ctl.lincolnuca.edu) website (ctl.lincolnuca.edu).

GRADING POLICY

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

Week	Topic
1	(a) About the Course (b) Introduction to Information Systems
2	Information Systems in Organizations
3	Hardware: Input, Processing, and Output Devices
4	Software: Systems and Application Software
5	Organizing Data and Information. Quiz 1.
6	Telecommunications and Networks
7	The Internet, Intranets, and Extranets
8	Midterm Exam
9	Electronic and Mobile Commerce
10	Enterprise Systems
11	(a) Information and Decision Support Systems
12	(a) Knowledge Management and Specialized Information Systems
13	(a) Systems Development: Investigation and Analysis. Quiz 2. (b) Systems Design, Implementation, Maintenance, and Review
14	Comprehensive Final Exam
15	Course Project Presentations and Defense