



# Lincoln University

## BA 350 – Management Information Systems

### COURSE SYLLABUS

Spring 2018

Level: Mastery 1 (M1)

<b>Course Title:</b> Management Information Systems	<b>Instructor:</b> Prof. Miron Yoffe, PhD
<b>Course No:</b> BA-350	<b>Phone:</b> 617-928-1966
<b>Units:</b> 3 units (45 lecture hours)	<b>E-mail:</b> myoffe@lincolnuca.edu
<b>Class Hours:</b> Saturday, 12:30pm – 3:15pm	<b>Office Hours:</b> Saturdays from 3:30 to 4:30 pm by arrangement
<b>Semester:</b> Spring 2018	<b>Office Number:</b> 510-628-8010

### REQUIRED MATERIALS

#### Textbook: Principles of Information Systems, 12th Edition

Ralph M. Stair & George Reynolds  
 ISBN-10: 1285867165 | ISBN-13: 978-1-285-86716-8  
 Publisher: Cengage Learning (2016)

The study material in the textbook will be supplemented by content posted in the class web site (CANVAS).

### COURSE DESCRIPTION (from catalog)

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) *Prerequisites: CS 10, BA 146*

### COURSE LEARNING OUTCOMES

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.

Students will be able to:

	<b>Course Learning Outcome</b>	<b>Program Learning Outcomes</b>	<b>Institutional Learning Outcomes</b>	<b>Assessment activities</b>
1	Develop and exhibit applied and theoretical knowledge in the MIS	PLO 1	ILO 1b, ILO 2b	Quizzes, Assignments, Case Studies, Exams
2	Use theoretical knowledge and advanced problem-solving skills to formulate solutions and identify risks in MIS	PLO 2	ILO 1b, ILO 2b, ILO 4b	Assignments, Case Studies, Web Exercises
3	Be able to make data-driven decisions regarding the information system management	PLO 4	ILO 4b, ILO 5b, ILO 6b	Case studies
4	Demonstrate leadership abilities in context of information system management	PLO 5	ILO 4b, ILO 5b	Evaluated as part of grading process

## **INSTRUCTIONAL METHODS**

**This is a direct classroom instruction course.**

Lecture method is used in combination with the practical use of business software, and the Internet resources to solve application problems. The emphasis will be on learning by doing. Every student must participate in an intensive classroom activity. Reading, writing, and problem solving assignments will be made weekly throughout the course.

This class will be conducted interactively in the face-to-face sessions and on-line. All students will participate in-class discussions, on-line discussions, formal presentations, and in-class exercises. Short oral presentations may also be required in conjunction with homework assignments. Assignments will be given weekly and may consist of textbook exercises and research questions. Students must complete all assignments and take all quizzes, mid-term

exam and final exam on the **specified due dates**. Plagiarism will result in the grade “F” and a report to the administration.

Students are expected to utilize their personal laptop computers, the computer lab, and resources available in the school library.

### TIME SPENT ON OUT-OF-CLASS WORK

The estimated time which a student should spend on out-of-class work/assignments in this course is 6 hours every week (about 90 hours for the course).

### OTHER REQUIREMENTS

All students are required to attend the class. Continuous assessment is emphasized. Written or oral quizzes will be given every week. Students must complete all assignments and take all quizzes, mid-term exam and final exam **ON THE DATES DUE**. Talking in class, using cell phones, coming late, leaving the room at times other than at break time is not allowed. Plagiarism/cheating will result in the grade “F” and a report to the administration.

### ASSIGNMENTS AND PROJECTS

Case studies, mini projects and other assignments will be given every week.

### TESTING

Classroom activities	every week	10%
Quizzes	as scheduled	10%
Assignments	every week	20%
Mid-term exam	as scheduled	30%
Final exam	as scheduled	30%

There will be no make-up for a missed quiz or participation in a classroom activity. No make-up exams will be given unless you have the instructor’s prior approval obtained in person before the exam date, except for an extreme emergency. Late assignments will get no credit or reduced credit. **Students will not be allowed to use cellular phones during tests.**

### GRADING

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

100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-60	59-0
A	A-	B+	B	B-	C+	C	C-	D+	D	F

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.

**SCHEDULE OF TOPICS**

*Please read every chapter of the textbook before you come to class*

Session	Date	Topics	Chapters
1	01/20/18	An Introduction to Information Systems	1
2	01/27/18	Information Systems in Organizations	2
3	02/03/18	Hardware: Input, Processing, and Output Devices	3
4	02/10/18	Software: Systems and Application Software	4
5	02/17/18	Database Systems and Applications	5
6	02/24/18	Telecommunications and Networks	6
7	03/03/18	The Internet, Web, Intranets, and Extranets	7
8	03/10/18	<b>Midterm Exam</b>	1-7
	03/17/18	Spring Recess	
9	03/24/18	Electronic and Mobile Commerce	8
10	03/31/18	Enterprise Systems	9
11	04/07/18	Information and Decision Support Systems	10
12	04/14/18	Knowledge Management and Specialized Information Systems	11
13	04/21/18	System Development	12, 13
14	04/28/18	The Personal and Social Impact of Computers	14
15	05/05/18	<b>Final Exam</b>	8-14

**OTHER COMMENTS**

- Please participate. You will be asked to go to the board to solve exercises.
- Please come on time. Late arrivals disturb everyone else.
- 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.

**ACADEMIC INTEGRITY**

I encourage you to collaborate on assignments and learn from your fellow students. However, there is a fine line between collaboration and cheating. Collaboration means discussing problems and solution approaches with other students and independently writing your own answers; cheating means copying solutions from someone else or giving someone else your solutions. If you have questions about what is acceptable, please bring them to me *before* submitting your work.

Cheating, plagiarism and helping others commit these acts are all forms of academic dishonesty, and will not be tolerated. Academic misconduct could result in disciplinary action that may include,

but is not limited to, suspension or dismissal.

### **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.

**Last Update:** January 13, 2018. Additional updates may follow.

**Appendix 1. Student Learning Outcomes – MBA Program.**

<b>Institutional Learning Outcomes (ILOs)</b>	
<i>MBA Graduates of Lincoln University should be able to:</i>	
<b>1b</b>	Recognize and be able to work with the components of reasoning and problem solving; understand concepts, assumptions, purpose, conclusions, implications, consequences, objections from alternative viewpoints, and frame of reference.
<b>2b</b>	Gather and assess relevant information, using abstract ideas to interpret it effectively; to develop well-reasoned conclusions and solutions, and test them against relevant criteria and standards
<b>3b</b>	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
<b>4b</b>	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.
<b>5b</b>	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.
<b>6b</b>	Continually look for, develop, and offer new or improved services, and be able to use original approaches when dealing with problems in the workplace.
<b>7b</b>	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.

<b>Program Level Outcomes (PLOs)</b>	
<i>Students graduating our MBA program will be able to:</i>	
<b>1</b>	Develop and exhibit applied and theoretical knowledge in the field of management and business administration
<b>2</b>	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
<b>3</b>	Communicate within a highly specialist environment that allows the presentation of critiques of complex strategic matters
<b>4</b>	Demonstrate autonomy, creativity, and responsibility for managing professional practices
<b>5</b>	Demonstrate leadership and set strategic objectives for team performance
<b>6</b>	Identify ethical issues/problems in business organizations and reach decisions within ethical framework

**Appendix 2. Student Learning Outcomes – DBA Program.**

<b>Institutional Learning Outcomes (ILOs)</b>	
<i>DBA Graduates of Lincoln University should be able to:</i>	
<b>1c</b>	Incorporate various modes of thinking, among them: scientific thinking, mathematical thinking, historical thinking, anthropological thinking, economic thinking, and moral thinking.
<b>2c</b>	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
<b>3c</b>	Act 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.
<b>4c</b>	Integrate collaboration into organizational workflows, create a supportive environment for collaboration and teamwork, and lead by example.
<b>5c</b>	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.
<b>6c</b>	Set up realistic goals for the organization, encourage innovative strategies, and convey a clear sense of future direction to employees.
<b>7c</b>	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.

<b>Program Level Outcomes (PLOs)</b>	
<i>Students graduating our DBA program will be able to:</i>	
<b>1</b>	Demonstrate advanced knowledge and competence in the latest academic theories, concepts, and techniques in the field of business administration.
<b>2</b>	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.
<b>3</b>	Create and present advanced forms of oral and written communications, including teaching and advising.
<b>4</b>	Generate, evaluate and assess the ethical obligations and responsibilities of business for the purpose of responsible management.
<b>5</b>	Apply the knowledge from the area of specialization and provide consulting to other business industries or other fields.

**Appendix 3. Classification of LU curriculum courses.**

<b>Code</b>	<b>Classification</b>	<b>Description</b>
<b>Courses 300 level w/o graduate prerequisites</b>	<b>Mastery 1 (M1)</b>	<b>Mastery 1 courses introduce graduate level concepts and ideas in a specific field of study and provide an opportunity to initiate the development of graduate level competences.</b>
Courses 300 level with graduate prerequisites	Mastery 2 (M2)	Mastery 2 courses build upon students' execution of Mastery 1 learning outcomes and allow for further development of students' mastery of concepts, ideas, and competences in the specific field of study.
Courses 398, 399	Mastery 2 / Assessment (M2A)	Mastery 2/Assessment courses are structured to provide opportunity to assess students' achievements of set program learning outcomes.
Courses 400 level	Mastery 2 / Research (M2R)	Mastery 2/Research courses employ individual research project to deepen students' understanding of the subject developed in lower level courses and to equip students with knowledge and skills required by MS and DBA degree programs.
Courses 500 level	Doctorate Assessment (DA)	Doctoral Assessment courses are doctorate level seminars and research activities fostering the highest level of professional expertise by providing continuous assessment and development of students' ideas and analytical skills in the context of the doctorate program.