



Information Systems Concept

Course Syllabus

Course No:	BA 260	Instructor:	Prof. Leonid Romanyuk
Semester:	Fall 2012	Phone:	(510) 628-8024
Units:	3 units (= 45 lecture hours)	E-mail:	lromanyuk@lincolnuca.edu
Class hours:	Wednesday 9:00 pm – 11:45 pm	Office Hours:	Monday, Wednesday 11:50 am -12:25 pm
Class Room:	TBA	Office Room:	402

COURSE DESCRIPTION:

A study of the organization of the system project, project management, and control from the feasibility, definition, design, development, and testing stages to implementation. It uses existing computer pro-grams and student designed programs. Emphasis on management use of information systems and measuring the effectiveness of the organization. (3 units) Prerequisite: CS 10

REQUIRED MATERIALS:

TEXTBOOK: **Principles of Information Systems**, 10th Edition, by Ralph Stair and George Reynolds, Course Technology; 2012, ISBN-10: 0538478292

REQUIRED TOOLS: Microsoft Office 2003, 2007, or 2010 and the Internet resources.
Scientific or graphing calculator

OPTIONAL: Publisher's Web site student resources at <http://www.course.com/>

LEARNING OBJECTIVES:

The students will learn about the use and development of management information systems and explore today's leading-edge topics including hardware, system 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.

INSTRUCTIONAL METHODS:

Lecture method is used in combination with the practical use of business software and the Internet to solve application problems. The emphasis will be on learning by doing. Every student must participate in an intensive classroom activity. Reading, writing, "business case study", and project assignments will be made throughout 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. Take a folder and create a Project Notebook. You will put in this folder printouts of the results of all your assignments and projects and storage media (floppy disk / CD disc / DVD disc / USB flash drive) with your work stored on it. The instructor can ask you to turn in this folder and grade your work at any time during the semester.

TESTING:

Classroom activities	every week	10%
Quizzes	every week	10%
Assignments	every week	10%
Mid-term exam	as scheduled	30%
Final exam	as scheduled	40%

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, with the exception of an extreme emergency. Late assignments will get no credit or reduced credit. *Students will not be allowed to use computers or cellular phones during tests.*

GRADING:

Less than 50% total is an "F"; 75% total is "C+". Other grades will be calculated "on the curve" from the scores above.

COURSE SCHEDULE:

Weekly schedule of topics is attached. Students should read every chapter of the textbook on the topic to be discussed in class before they come to class. Be ready to answer in writing all review questions and to solve problems at the end of the chapter.

MODIFICATION OF THE SYLLABUS:

This syllabus was updated on July 25, 2012. The instructor reserves the right to modify this syllabus at any time during the semester. An announcement of any changes will be made in the classroom.

FALL 2012 SCHEDULE OF TOPICS

*Read every chapter on the topic to be discussed in class before you come to class.
Be ready to answer in writing all review and discussion questions at the end of the chapter.*

Date	Topics	Chapters
8/22/12	An Introduction to Information Systems	1
8/29/12	Information Systems in Organizations	2
9/05/12	Hardware: Input, Processing, and Output Devices	3
9/12/12	Software: Systems and Application Software	4
9/19/12	Organizing Data and Information	5
9/26/12	Telecommunications and Networks	6
10/03/12	The Internet, Intranets, and Extranets.	7
10/10/12	Review. MIDTERM EXAM	1 - 7
10/17/12	Electronic and Mobile Commerce.	8
10/24/12	Enterprise Systems	9
10/31/12	Information and Decision Support Systems	10
11/07/12	Knowledge Management and Specialized Information Systems	11
11/14/12	Systems Development: Investigation and Analysis. Systems Design, Implementation, Maintenance, and Review.	12, 13
11/21/12	Fall recess	
11/28/12	Review	1 - 13
12/05/12	COMPREHENSIVE FINAL EXAM	