



# MANAGEMENT INFORMATION SYSTEMS

## Course Syllabus



|                     |                           |                      |                          |
|---------------------|---------------------------|----------------------|--------------------------|
| <b>Course No:</b>   | BA 350                    | <b>Instructor:</b>   | Prof. Leonid Romanyuk    |
| <b>Semester:</b>    | Spring 2011               | <b>Phone:</b>        | (510) 628-8024           |
| <b>Units:</b>       | 3                         | <b>E-mail:</b>       | lromanyuk@lincolnuca.edu |
| <b>Class hours:</b> | Monday 12:30 pm – 3:15 pm | <b>Office Hours:</b> | MWTH 11:50 am-12:25 pm   |
| <b>Class Room:</b>  | TBA                       | <b>Office Room:</b>  | 402                      |

### COURSE DESCRIPTION:

Information system applications, problem definitions, problem specifications, estimate of cost and time. With emphasis on conceptualization and implementation for business application. (3 units)

*Prerequisites: BA 146, CS 10*

### LEARNING OBJECTIVES:

To introduce students to 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

### REQUIRED MATERIALS:

**TEXTBOOK:** **Principles of Information Systems**, 9th Edition, by Ralph Stair and George Reynolds, Course Technology; 2009, ISBN-10: 0324665288

**REQUIRED TOOLS:** Microsoft Office 2003, 2007, or 2010 and the Internet resources

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

## 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.

## TESTING:

|                          |              |     |
|--------------------------|--------------|-----|
| Classroom activities     | every week   | 10% |
| Quizzes                  | every week   | 10% |
| Assignments and Projects | every week   | 30% |
| Mid-term exam            | 3/10/2011    | 20% |
| 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, 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 60% 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 and discussion questions at the end of the chapter.

## 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.

## MODIFICATION OF THE SYLLABUS:

**This syllabus was updated on November 2010.** The instructor reserves the right to modify this syllabus at any time during the semester. An announcement of any changes will be made in a classroom.

## SPRING 2011 SCHEDULE OF TOPICS AND REQUIRED READING

*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                                                                                                                                                                                                    | Chapter      |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1/20/11 | An Introduction to Information Systems                                                                                                                                                                    | 1            |
| 1/27/11 | Information Systems in Organizations                                                                                                                                                                      | 2            |
| 2/03/11 | Hardware: Input, Processing, and Output Devices                                                                                                                                                           | 3            |
| 2/10/11 | Software: Systems and Application Software                                                                                                                                                                | 4            |
| 2/17/11 | Database Systems and Business Intelligence                                                                                                                                                                | 5            |
| 2/24/11 | Telecommunications and Networks                                                                                                                                                                           | 6            |
| 3/03/11 | The Internet, Intranets, and Extranets.<br><b>Important: submit the printouts of all your assignments and projects and a copy of it on a CD disc in class at 12:25 pm</b>                                 | 7            |
| 3/10/11 | <b>Review<br/>MIDTERM EXAM</b>                                                                                                                                                                            | <b>1 – 7</b> |
| 3/17/11 | <b>Spring recess</b>                                                                                                                                                                                      |              |
| 3/24/11 | Electronic and Mobile Commerce                                                                                                                                                                            | 8            |
| 3/31/10 | Enterprise Systems                                                                                                                                                                                        | 9            |
| 4/7/11  | Information and Decision Support Systems                                                                                                                                                                  | 10           |
| 4/14/11 | Knowledge Management and Specialized Information Systems.<br>Systems Development: Investigation and Analysis.                                                                                             | 11<br>12     |
| 4/21/11 | Systems Design, Implementation, Maintenance, and Review                                                                                                                                                   | 13           |
| 4/28/11 | The Personal and Social Impact of Information Systems.<br><b>Review</b><br><b>Important: submit the printouts of all your assignments and projects and a copy of it on a CD disc in class at 12:25 pm</b> | 14<br>1 - 14 |
| 5/05/11 | <b>COMPREHENSIVE FINAL EXAM</b>                                                                                                                                                                           |              |