ISE 320 Information Management
Spring 2011 (Jan. 31 – May 23, 2011)

Instructor
Dr. Yanni Ellen Liu, Computer Science Bldg. Room 1438, 631-632-8454, ellenyliu@cs.sunysb.edu

Office hours
Tuesdays 4:40-5:40pm, Wednesdays 1:10-2:10pm, Fridays 10:30-11:30am, or by appointment

Course Description
The course presents the relationship between information technology and the systems that use the technology. The emphasis is on business systems with high information technology components (e.g. software development, communications, financial management, etc.). Topics include infrastructure management, information management, security, and communications. Emphasis is given to case studies relating to information management.

Pre-Requisite: U2 Standing

Course Objectives
• Understand how technology and information systems are used to achieve results for companies using those systems,
• Be able to discuss the benefits offered by information systems and the risks and problems associated with those systems,
• Be able to explore the arguments on all sides of a business issue, and argue convincingly for the position you select,
• Understand the components of information systems.

Course Web Page
http://www.cs.sunysb.edu/~ise320 and the course Blackboard site

Course Outline
The following topics will be covered in lectures (time permitting):
• Organizations, management, and the networked enterprise
• Information technology infrastructure
• Key system applications for the digital age
• Building the managing systems

Textbook

Classes
Monday and Friday, 12:50-2:10pm, Computer Science Bldg, Room 2120
Evaluation
20% Quizzes  There will be 3 to 6 closed-book quizzes worth a total of 20%
20% Midterm test  There will be a closed-book in-class midterm test
20% Presentation There will be one in-class presentation
5% Class participation This is based on class attendance and active class participation
35% Course project

Quizzes and midterm test
Materials for these will be taken from the textbook and lectures. The lowest mark in the quizzes will be dropped when calculating the course grade. Note that there is no final exam.

Presentation
The presentations will be in the form of a case study. It involves reading materials in and beyond the textbook as it relates to a single assigned topic. The topic will be assigned by the course instructor. The research will be performed in groups.

Course Project
Students are required to carry out an in-depth analysis of a business or industry, with the focus on the supporting information systems. The analysis will be completed in groups. The results will be presented in class. There are several checkpoints such as proposal, PowerPoint slides, and a final project report. Detailed specification will be available later in the semester.

Academic Integrity
All submitted work must be your own. In particular, after reading the literature, in your submitted work, you must summarize the materials using your own words. Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Any suspected instance of academic dishonesty will be reported to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, refer to the Academic Judiciary website at: http://www.stonybrook.edu/uaa/academicjudiciary/

Special Assistance
If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact Disability Support Services at (631) 632-6748. Their website is at http://studentaffairs.stonybrook.edu/dss. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information, go to the following website: http://www.sunysb.edu/ehs/fire/disabilities.shtml.