

**OUR LADY OF THE LAKE UNIVERSITY**  
**Dallas Weekend Program**

Fall 1999

**Course Number:** CSYS 3350 Information System and Information Technology

**Course Description:** Identify principles for analyzing managerial and organizational information needs. Systems theory, quality decision making and the organizational role of information are introduced. Information technology included computing, and telecommunication systems are stressed. Concepts of organization and information systems growth and re-engineering are introduced.

Prerequisite: CSYS 1310.

**Course Objectives:** After successfully and satisfactory complete the course, students should be able to do:

1. Understand and apply the fundamental concepts associated with Information Systems (IS), general systems theory, the systems approach to problem solving, and Information Systems Analysis and Design.
2. Identify and describe current information technologies: Hardware, Software, Communications, and Database Management.
3. Use the Internet as an information resources and understand the social and business ramifications of the emerging electronic highway.
4. Describe and analyze current and developing trends in information systems applications for in business.
5. Understand the issues associated with managing Information Technology (IT) including information resource management, global IT management, change management and security management.
6. Be aware of legal and ethical challenges associated with information systems and information technology.

**Grading:**

<u>Assessment Means</u>	<u>Percentage</u>
Three Exams	30%
Case Analysis	20%
Term Paper	15%
Presentation	15%
Final Exam	<u>20%</u>
	100%

Grading Scale: 90-100 (A), 80-89 (B), 70-79 (C), 60-69 (D), 00-59 (F).

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Hieu D. Vu

Date

**OUR LADY OF THE LAKE UNIVERSITY**  
**Fall 1999**

**CSYS 3350**  
**Information Systems & Information Technology**

Instructor: Hieu D. Vu      E-Mail: Hieu.Vu@EDS.com

Text Book:

O'Brien, James A., Introduction to Information Systems, An Internetworked Enterprise Perspective, Irwin Mc Graw-Hill, 1998.

Class Attendance:

Students are expected to attend all classes and to be on time. Absences due to extenuating circumstances can be excused at the discretion of the instructor. There is no make up for pop quizzes for any absences.

If you miss a class, it is your responsibility to acquire the information from other students or the instructor.

Homework Assignments:

Late assignments will not be accepted unless with the permission of the instructor.

Project: (Term Paper)

You will be assigned a term paper base on a topic. A formal presentation of the paper will also be required. Each student must hand in a diskette and the term paper on a given date

Exams:

There will be three exams and a final exam. You need permission from the instructor if you can not take the exam on a given day.

Orientation Session:      08/28/1999

**OUR LADY OF THE LAKE UNIVERSITY**  
**TRIMESTER I 1999**

COURSE SYLLABUS

08/28	Orientation.	
Week 1	Chapter 1	Introduction to Information Systems in Business. Information Assurance, Security and Controls. Case Analyses.
Week 2	Chapter 2	Introduction to Computer Hardware Case Analyses.
Week 3	Chapter 3	Introduction to Computer Software. Case Analyses.
Week 4	Chapter 4	<u>Exam I.</u> Introduction to Database Management. Case Analyses.
Week 5	Chapter 5	Introduction to Business Telecommunications. Case Analyses.
Week 6	Chapter 6	The Internet and Electronic Commerce. Case Analyses.
Week 7	<u>Exams II.</u> Chapter 7	Intranets, Extranets, and Enterprise Collaboration.
Week 8	Chapter 8	Information Systems for Business Operations. Case Analyses.
Week 9	Chapter 9, 10	Managerial Decision Support & Case. Strategic Advantage & Case.
Week 10	<u>Final Exam.</u> Chapters 11, 12, 13.	Class Evaluation.