

New Jersey Institute of Technology

Course Title: Introduction to Information Systems	
Course Number: IS265 002	Instructor: Art Hendela
Class Session Mondays and Thursdays, 1:00PM-2:25PM	Prerequisites/Required Background: None
Course Website: www.moodle.njit.edu	
Catalog Information: http://catalog.njit.edu/undergraduate/computing-sciences/information-systems/#coursestext	
Faculty Information	
Art Hendela	Office:
Office Hours: Mondays 3PM-5PM	Telephone: Please Email
Email: ahh2@njit.edu	Notes and Articles: in Moodle
Include Course-IS265	

Course Description

Concepts of information systems, business process, hardware, software, systems analysis, e-commerce, enterprise systems and computer applications in organizations, techniques of systems analysis, systems designs, implementations, and information management (both technical and behavioral) are studied in the organizational context of management information needs.

Text, Readings, and Collaborative Conferencing System

- Belanger, F., and Van Slyke, C., Information Systems for Business- An Enterprise Approach, John Wiley and Son, 2012, ISBN: 978-0-470-90372-8.
- Notes & Articles: *Included in the Moodle Forums*
- **Moodle for assignments-** <http://Moodle.njit.edu>

Course Objectives

The course intends to build a wide range of analytical, communication, interpersonal, leadership, and technology skills. Students will be able to:

- Explain the technology, people and organizational components of information technology / information systems (IT/IS) from the perspective of business users and managers.
- Understand how organizations can use IT/IS for competitive advantage.
- Explain how enterprise-wide information systems support business activities and enable a comprehensive understanding of company data.
- Understand information systems development and management issues.
- Discuss the ethical concerns associated with information privacy, accuracy, intellectual property rights, and accessibility.
- Recognize when information is needed, locate it efficiently, evaluate its relevance, authoritativeness and validity, use it to build new knowledge, and communicate that knowledge.

Participation

Your participation in classroom discussions is expected, if you do not attend class or do not notify me of your absence before class, it will affect your participation grade. Both attendance AND participation, as well as on-line discussion boards will contribute to the participation grade

Honor Code

Any evidence of cheating in any form including plagiarism and cutting & pasting from the Internet, will be dealt with according to the honor code of NJIT (course failure and suspension or expulsion). Please note: There will be no warnings or chances with regard to cheating. Any discovered case of cheating will be immediately passed to the Dean of Students for further investigation.

This is your warning now. Cheating is not worth it - you may not only fail this course, but also be suspended from NJIT. The full text of the NJIT Honor Code is available for your review at <http://www.njit.edu/academics/honorcode.php>.

General Policy: Assignments and exams are to be completed **with assignments uploaded to Moodle** by the due dates. You must have a very good reason for requesting an extension—email your request to the instructor well before the due date.

Learning Goals and Learning Outcomes

Learning Goal 4: Management of Technology

Learning Objective 4.1 Students have the ability to analyze the impact of technology in a business environment.

Measurement: Benefits, Implementation, Justification of the technology, Critical assessment (Compare and contrast the technology with other similar technologies) from a business perspective.

Grading components

Homeworks	10%
Attendance / participation	15%
Mid term exam	25%
Team Project	25%
Final exam	25%

Team Project – company chosen to be submitted by week 2 for approval.

Outline for Team Project

1. Executive Summary
2. Company or Organization profile
3. How you did your examination and what you concluded
4. Your recommendation for path forward
5. What investment would be required? How do you justify it?
6. What are the risks involved and how would you over come them?

7. Conclusion

Grading Scales

90% - 100 % = A

86% - 89% = B+

80% - 85% = B

76% - 79 % = C+

70% - 75 % = C

65% -69 % = D

0% - 64% = F

WEEK	WEEK STARTING	TOPICS	BOOK READINGS	HOMEWORK
1	1/18	Welcome & Intro The Value of Information	Chapter 1	Discussion Forum Homework 1
2	1/25	Introduction to Information Systems	Chapter 2	Discussion Forum
3	2/1	Evaluating Information	Chapter 3	Discussion Forum Homework 2
4	2/8	Gaining Strategic Value from Information	Chapter 4	Discussion Forum Homework-Bees
5	2/15	Storing and Organizing Information	Chapter 5	Discussion Forum Homework-swot
6	2/22	Analyzing Information for Business Decision Making	Chapter 6	Discussion Forum Homework- pg88#5
7	2/29	Transmitting Information	Chapter 7	Discussion Forum MIDTERM
8	3/7	Securing Information	Chapter 8	Discussion Forum Homework- pg109#2
--	3/14	SPRING BREAK		
9	3/21	Protecting the Confidentiality and Privacy of Information	Chapter 9	Discussion Forum
10	3/28	Developing Information Systems	Chapter 10	Discussion Forum
11	4/4	Information Based Business Processes	Chapter 11	Discussion Forum
12	4/11	Enterprise Information Systems	Chapter 12	Discussion Forum
13	4/18	Information for Electronic Business	Chapter 13	
14	4/25	Information and Knowledge for Business Decision Making	Chapter 14	Final Examination ONLINE
15	5/2-5/12			
16	5/17	Grades due at Registrar		