Course Information	
Course Title**: Introduction to Information Systems**	
Course Number: **IS265-102**	Prerequisites**: None**
Class Session: **Tuesday, 6:00 p.m. – 8:50 p.m.**	Required Background: **goo.gl/luGEUd**
Room Location: **CKB - 212**	Notes and Articles: **moodle.njit.edu**

Faculty Information	
Instructor: **Esther Lewars, Ed.S.**	Email: elewars@njit.edu *(Include IS265)*
Office Hours: **Tue., 5:30-6:00 p.m. CKB 212** RSVP: Google Calendar Appointment By Request Only: **Google Meet (M & W)**	Google Voice: *973-996-8438* *(Email or Text Preferred - Include IS265)*

Course Description

Information systems is the study of how organizations use information technology. This course is an overview of the information systems discipline, the role of information systems in organizations, and the changing nature of information technology. Computer tools for analysis and presentation are used.

The 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.

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.

Text, Readings, and Collaborative Conferencing System

- **Required Text**: Belanger, F., Van Slyke, C., and Crossler, R. Information Systems for Business- An Experiential Approach, 3rd Edition, Prospect Press, 2019, ISBN: 978-1-943153-47-3.
- **Supplemental Open Textbook:** Bourgeois, D., Information Systems for Business and Beyond, Saylor Foundation, 2014, (This is a NJIT OER Initiative https://bus206.pressbooks.com/
- **Notes & Articles***: Included in the Moodle Forums and Google Classroom*
- **Course Management System:**
   - **Moodle - http://moodle.njit.edu**
   - **NJIT Google Classroom - http://classroom.google.com (Join w/Class Code xu71fnv)**
- **Other Learning Tools: Laptop or SMART device:** bring to class each week.

Academic Integrity Policy

Every assignment/project is a 'home-mini-exam.' The NJIT Honor Code will be strictly upheld.
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.

THE INSTRUCTOR RESERVES THE RIGHT TO REQUIRE REMOTE EXAM PROCTORING SOFTWARE SUCH AS RESPONDUS.

WARNING: 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 at http://www.njit.edu/academics/honorcode.php.

General Policy

Assignments and exams are to be completed **with assignments uploaded to Google Classroom and Exams and Discussion Forums completed in 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. You will lose 15 points a class for an **excused** lateness. **Weekly Homework** and **Discussions** need to be completed by the due date to receive any credit at all. There will be no excused lateness. No late assignments may be turned in after the last day of the class for credit.

Assignments and Assessments

Midterm Exam	Chapters 1-7	**Week of Class 7**	25%
Final Exam	Chapters 8-14	**Week of Finals**	30%
Final IS Group Project	Chapters 1-14	**April 23, 2019**	15%
Homework	Chapter Analysis/Quiz	**Bi-Weekly**	10%
Discussion Forum	Chapter Responses	**Bi-Weekly**	10%
Work Participation	Homework/Forum/Attendance		10%
Total			100%

* Note: Exam Timing And Location Subject To Change At Professor's Sole Discretion. This Includes Changing The Exam From Online To In-person. Online Exams Will Require The Respondus Lockdown Browser And Web Cam.

Work Participation and Attendance

Attendance will be taken for each class meeting. This course is offered face to face in order for you to gain the most understanding of the material and to be able to ask questions in real-time. Attendance will be used to determine the higher or lower of two grades when you are between grade cutoffs such as above 85 but not fully 86. The more classes you attend, the better chance you have of gaining the higher grade.

Work Participation is worth 10% of your final grade. Many instructors worked for a long time as a consultant or full time industry professional. Customers identify workers by the quality of the produced work and timeliness of deliverables. This criteria is intended to better prepare you for the workplace which is often results and attendance driven, with flexible hours. As such, the weight of this grade indicates your ability to be an active class contributor and complete assignments on a timely basis. That said, if you have a life situation that needs to be taken into account for your performance, please see me. Medical excuses must go through the Dean of Students office.

Any missing homework assignments, HW01-HW08, and discussion forums, DF01-DF12, go against your work participation grade. Missed homework assignments and discussion forums not only get a zero for the assignment but also a lowering of your work participation grade.

Participation grade calculation:
(Number of assignments attempted / Number of total assignments * 10)
The proportion of the work you complete is considered your participation. Do not miss assignments.

In-Class Participation
Students will use a combination of applications, including Google Drive and Google Classroom to independently or in groups, conduct research, respond to questions, and present key ideas related to the weekly topic.

Final IS Group Project
The final project requires the synthesis and integration of all key IS concepts that are discussed throughout the text, especially the phases of the software development life cycle in chapter 10. As a group, students will develop and present a mock up of a system based on user defined requirements.

Homework
The topics of this course will be very relevant to your personal and professional lives. The best way for you and your classmates to see that, is to participate in classroom discussions and small exercises related to these topics. Homework will entail a combination of implications, quizzes, reviews, or questions from the text. Submit homework via **Google Classroom**. Be sure to **cite evidence from the text**, and include personal or real-world connection.

Discussion Forum
Students will respond to weekly questions posted in **Moodle**. Students will submit one (1) original post and at least two (2) well written responses to a peer's submission.

WEEK	DATE	TOPICS	BOOK READINGS	ASSIGNMENTS
1	Jan 22	**Welcome & Intro** **The Value of Information**	Chapter 1	☐ Homework 1: Implication Ch. 2 ☐ Discussion Forum 1: Welcome
2	Jan 29	**Introduction to Information Systems**	Chapter 2	☐ Homework 2: A Day w/o Tech ☐ Discussion Forum 2
3	Feb 05	**Evaluating Information**	Chapter 3	☐ Discussion Forum 3
4	Feb 12	**Gaining Strategic Value from Information**	Chapter 4	☐ Homework 3 ☐ Discussion Forum 4
5	Feb 19	**Storing and Organizing Information**	Chapter 5	☐ Discussion Forum 5
6	Feb 26	**Analyzing Information for Business Decision Making**	Chapter 6	Homework 4 Discussion Forum 6
7	Mar 5	**Transmitting Information**	Chapter 7	<mark>MIDTERM EXAM (Ch. 1-7)</mark> **Discussion Forum 7**
8	Mar 12	**Securing Information**	Chapter 8	Homework 5 Discussion Forum 8
	Mar 19	**SPRING BREAK - NO CLASS**		
9	Mar 26	**Protecting 'Confidentiality and Privacy of Information**	Chapter 9	Discussion Forum 9
10	Apr 2	**Developing Information Systems**	Chapter 10	Homework 6 Discussion Forum 10
11	Apr 9	**Information Based Business Processes**	Chapter 11	Discussion Forum 11
12	Apr 16	**Enterprise Information Systems**	Chapter 12	Homework 7 Discussion Forum 12
13	Apr 23	**Information for Electronic Business**	Chapter 13	Final Project Presentations
14	Apr 30	**Information/Knowledge for Business Decision Making**	Chapter 14	Homework 8
15	May 10	**Final Exam Begins**		<mark>FINAL EXAM (Ch. 8-14)</mark>
16	May 18	**Grades due at Registrar**		

Extra Credit Assignments (Optional)

There will be one (1) extra credit assignment, for students with high attendance and classroom participation. The completed extra credit assignment must be submitted in Google Classroom by 11:59 p.m. on the due date (NO EXCEPTIONS). A summary of the case and answers to the question are required. Support your answers with concrete evidence from the text (very important).

We will use **Google Classroom** to submit the extra credit assignment.

Extra Credit Activities	Due	Value
EC-1	**See Google Classroom for date**	10%

Grading Scales

90% - 100% = A

86% - 89% = B+

80% - 85% = B

76% - 79% = C+

70% - 75% = C

65% - 69% = D

0% - 64% = F