

Fall 2019

# IS 265-101: Introduction to Information Systems

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# New Jersey Institute of Technology

(Subject to change; Last updated September 05, 2019)

Course Title: <b>Introduction to Information Systems</b>	
Course Number: <b>IS265-101</b>	Instructor: <b>Dr. Y.F. Brook Wu</b>
Class Session: FMH 205 <b>Mondays, 6 PM – 9 PM</b>	Prerequisites/Required Background: <b>None</b>
Course Website: <a href="http://canvas.njit.edu/">http://canvas.njit.edu/</a>	
Catalog Information: <a href="http://catalog.njit.edu/undergraduate/computing-sciences/information-systems/#coursestext">http://catalog.njit.edu/undergraduate/computing-sciences/information-systems/#coursestext</a>	
<b>Faculty Information</b>	
<b>Professor Y.F. Brook Wu</b>	Office: <b>GITC 5107</b>
Office Hours: Monday: 4:15PM-5:45PM	Telephone: <b>Please Email</b>
Email: wu@njit.edu Include Course in Subject: IS265	<b>Notes and Articles: in Canvas</b>

## 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.

## Course Coordination

This course is part of the BAIS and BSBIS curricula. To ensure students receive the same high quality of learning experiences, this course is coordinated: all sections use the same textbook, assignments/projects, and grading policies.

## Text, Readings, and Collaborative Conferencing System

- Belanger, F., and Van Slyke, C., Crossler, R. Information Systems for Business- An Experiential Approach, Prospect Press, 2018, ISBN: 978-1-943153-47-3.
- Notes & Articles: *Included in the Canvas Forums*
- **Canvas for assignments-** <http://Canvas.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.

## Work Participation and Attendance

**Attendance will be taken for each class meeting** and is important for you to gain the most from this course. 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 people, including the course coordinator (Dr. Hendela) worked for a long time as a consultant that was home-based. Customers only knew him from the work he handed to them on time. His customers did not accept excuses for late work. In order to better prepare you for the many work places which work on a results basis with flexible hours and attendance policies, the instructors of this course decided to put the weight of this grade into your results, not just sitting in a seat. That said, if you have a life situation that needs to be taken into account for your performance, please see the instructor. 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. This is your participation grade is calculated:

$$(Number\ of\ assignments\ attempted / Number\ of\ total\ assignments * 10)$$

With this formula, the proportion of the work you attempt is considered your participation. Do not miss assignments. They must be on time or no credit is given.

### **Late Project Policy**

All projects and assignments must be turned in on time, or no credit is given.

### **Extra Credit Policy**

There is no extra credit assignments given. You do the assigned work at the time it is given.

### **Make Up Policy**

There are no make ups for missed assignments or exams. The grade is entered as Zero.

### **Absence Policy**

You are expected to attend every class. If you will not attend a class you should notify the instructor that you will not be attending.

Medical Excuses need to be reported to the Dean of Students and they will decide if it is to be excused or not.

### **Academic Integrity Policy**

A. NJIT Policy:

***“Academic Integrity is the cornerstone of higher education and is central to the ideals of this course and the university. Cheating is strictly prohibited and devalues the degree that you are working on. As a member of the NJIT community, it is your responsibility to protect your educational investment by knowing and following the academic code of integrity policy that is found at: <http://www5.njit.edu/policies/sites/policies/files/academic-integrity-code.pdf>.*”**

*Please note that it is my professional obligation and responsibility to report any academic misconduct to the Dean of Students Office. **Any student found in***

***violation of the code by cheating, plagiarizing or using any online software inappropriately will result in disciplinary action. This may include a failing grade of F, and/or suspension or dismissal from the university. If you have any questions about the code of Academic Integrity, please contact the Dean of Students Office at [dos@njit.edu](mailto:dos@njit.edu)***

B. Instructor's expectation of students:

Each person will complete original work for this course and will not copy from fellow students or tutorials online. It is OK to refer to tutorials online; however, you will be considered in violation of the NJIT honor code by submitting work found online. Any violations of the honor code will be referred to the Dean of Students for investigation and possible disciplinary action.

Every assignment/project is a 'home-mini-exam.' The NJIT Honor Code will be strictly upheld. Students found cheating/collaborating/plagiarizing will be immediately referred to the Dean of Students and the NJIT Committee on Professional Conduct and subject to possible Disciplinary Probation, a permanent marking on the record, possible dismissal and a grade of 'F' in the course. All submitted assignments are carefully checked for similarities, and plagiarism and guilty students will be identified and referred to the Dean of Students for disciplinary actions.

Use of file sharing sites such as CourseHero.com is strictly forbidden. Students either posting or using these sites will be referred to the Dean of Students for disciplinary action and/or copyright infringement prosecution.

***This is your only warning.*** Cheating is not worth it - you may not only fail this course, but also be suspended or expelled from NJIT. THE INSTRUCTOR RESERVES THE RIGHT TO REQUIRE REMOTE EXAM PROCTORING SOFTWARE SUCH AS RESPONDUS.

## **General Policy**

Assignments and exams are to be completed **with assignments uploaded to Canvas** 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

Homework	10%
Discussion Forums	15%
Team Project	25%
Work Participation	10%
Midterm exam	20%
Final exam	20%

### Team Project

Groups will be determined during week 2 of the term.  
See Outline for Team Project in Canvas.

### Grade Cutoffs

A: 90 - 100
B+: 86 - 89
B: 80 - 85
C+: 76-79
C: 70 - 75
D: 65 - 69
F: Below 65

### Class Communication Space/Learning Management System

We will be using Canvas, an open source Learning Management System at NJIT, for the posting of projects and class resources and other class announcements are postings. Students having questions on projects, etc., may contact Dr. Brook Wu directly at [wu@njit.edu](mailto:wu@njit.edu) or, if the answer would benefit the class, post the question in the appropriate forum within Canvas. Students are obligated to log into Canvas on a near-daily basis, and to keep current. DO NOT USE THE CANVAS MESSAGE FEATURE. It does not give your name or class section. Email the instructor only using your NJIT email account (to avoid your email being treated as spam).

WEEK	TOPICS	BOOK READINGS	HOMEWORK
1	Welcome & Intro The Value of Information	Chapter 1	Discussion Forum 01 Homework HW01
2	Introduction to Information Systems	Chapter 2	Discussion Forum 02
3	Evaluating Information	Chapter 3	Discussion Forum 03 Homework HW02
4	Gaining Strategic Value from Information	Chapter 4	Discussion Forum 04
5	Storing and Organizing Information	Chapter 5	Discussion Forum 05 Homework HW03
6	Analyzing Information for Business Decision Making	Chapter 6	Discussion Forum 06 Homework HW04
7	Transmitting Information	Chapter 7	Discussion Forum 07 <b>MIDTERM EXAM *</b>
8	Securing Information	Chapter 8	Discussion Forum 08 Homework HW05
9	Protecting the Confidentiality and Privacy of Information	Chapter 9	Discussion Forum 09 Homework HW06
10	Developing Information Systems	Chapter 10	Discussion Forum 10
11	Information Based Business Processes	Chapter 11	Discussion Forum 11 Homework HW07
12	Enterprise Information Systems	Chapter 12	Discussion Forum 12
13	Information for Electronic Business	Chapter 13	Homework HW08
14	Information and Knowledge for Business Decision Making	Chapter 14	
15			<b>FINAL EXAM * -- Dec 16</b> (Per NJIT's policy, night classes should have their final during class time and in the same room.)
16	<b>Grades due at Registrar</b>		

**\* NOTE: EXAM TIMING AND LOCATION ARE SUBJECT TO CHANGE AT PROFESSOR'S SOLE DISCRETION. THIS INCLUDES CHANGING THE EXAM FROM ONLINE TO IN-PERSON OR VICE VERSA. ONLINE EXAMS WILL REQUIRE THE RESPONDUS LOCK DOWN BROWSER AND WEB CAM.**