# Course Information

<table>
<thead>
<tr>
<th>Course Title: <strong>Introduction to Information Systems</strong></th>
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<tbody>
<tr>
<td>Course Number: <strong>IS265-101</strong></td>
</tr>
<tr>
<td>Class Session: <strong>Monday, 6:00 p.m. – 9:05 p.m.</strong></td>
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<tr>
<td>Room Location: <strong>CKB - G08 (SCALE UP)</strong></td>
</tr>
</tbody>
</table>

## Faculty Information

<table>
<thead>
<tr>
<th>Instructor: <strong>Esther Lewars, Ed.S.</strong></th>
<th>Email: <a href="mailto:elewars@njit.edu">elewars@njit.edu</a> <em>(Include IS265)</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Office Hours: <strong>Mon., 5:30-6:00 p.m. CKB G08</strong></td>
<td>Google Voice: <strong>973-996-8438</strong> <em>(Email or Text Preferred - Include IS265)</em></td>
</tr>
<tr>
<td>RSVP: <a href="#">Google Calendar Appointment</a></td>
<td>By Request Only: <a href="#">Google+ Hangout (T &amp; Th)</a></td>
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## 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

- **Alternative Open Textbook**: Bourgeois, D., *Information Systems for Business and Beyond*, Saylor Foundation, 2014, (This is a NJIT OER Initiative [https://bus206.pressbooks.com/](https://bus206.pressbooks.com/))
- **Notes & Articles**: Included in the Moodle Forums and Google Classroom
- **Course Management System**:
  - Moodle - [http://moodle.njit.edu](http://moodle.njit.edu)
  - NJIT Google Classroom - [http://classroom.google.com](http://classroom.google.com) (Join w/Class Code hfxa6x)
- **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](http://www.njit.edu/academics/honorcode.php).

General Policy

Assignments and exams are to be completed with assignments uploaded to Moodle or Google Classroom 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 Implications 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

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Chapters</th>
<th>Due Date</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 1</td>
<td>1-4</td>
<td>Online - Week of Class 5</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>5-9</td>
<td>Online - Week of Class 10</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 3</td>
<td>10-14</td>
<td>Online - Week of Finals</td>
<td>30%</td>
</tr>
<tr>
<td>Final IS Group Project</td>
<td>1-14</td>
<td>December 11, 2017</td>
<td>10%</td>
</tr>
<tr>
<td>Homework</td>
<td>Chapter Analysis/Quiz</td>
<td>Weekly</td>
<td>10%</td>
</tr>
<tr>
<td>Discussion Forum</td>
<td>Chapter Responses</td>
<td>Weekly</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>100%</strong></td>
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Attendance, Absence and Lateness Policy
You are expected to attend every class if you will not attend a class you should notify me that you will not be attending and the following guidelines apply:
If you are absent:

- Three (3) times you will have your grade lowered by ONE Letter grade.
- Six (6) times and your grade is lowered by TWO letter Grades.
- Nine (9) times you will be given an “F”.

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

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

Participation
Your participation in classroom and online discussions is expected.

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 five 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. Failure to participate is to rob yourself and your classmates of the opportunity to make this class truly interesting at a personal level.

Homework will entail a combination of implications, quizzes, reviews, or questions from both texts. 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.
<table>
<thead>
<tr>
<th>WEEK</th>
<th>TOPICSTING</th>
<th>BOOK READINGS</th>
<th>HOMEWORK</th>
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</table>
| 1    | Welcome & Intro  
The Value of Information | Chapter 1 | Discussion Forum  
Homework 1 |
| 2    | Introduction to Information  
Systems | Chapter 2 | Discussion Forum  
Homework 2 |
| 3    | Evaluating Information | Chapter 3 | Discussion Forum  
Homework 3 |
| 4    | Gaining Strategic Value from  
Information | Chapter 4 | Discussion Forum  
Homework 4 |
| 5    | Storing and Organizing  
Information | Chapter 5 | Exam 1  
Discussion Forum |
| 6    | Analyzing Information for  
Business Decision Making | Chapter 6 | Discussion Forum  
Homework 5 |
| 7    | Transmitting Information | Chapter 7 | Discussion Forum  
Homework 6 |
| 8    | Securing Information | Chapter 8 | Discussion Forum  
Homework 7 |
| 9    | Protecting the  
Confidentiality and Privacy of Information | Chapter 9 | Discussion Forum  
Homework 8 |
| 10   | Developing Information  
Systems | Chapter 10 | Discussion Forum  
Homework 9 |
| 11   | Information Based Business  
Processes | Chapter 11 | Exam 2 |
| 12   | Enterprise Information  
Systems | Chapter 12 | HW Final Project |
| 13   | Information for Electronic  
Business | Chapter 13 | HW Final Project |
| 14   | Information and Knowledge  
for Business Decision Making | Chapter 14 | Final Examination  
ONLINE |
| 15    | Grades due at Registrar | | |
**Extra Credit Assignments (Optional)**
There is one (1) extra credit assignment, that will be available only to students with high attendance and participation rate. If you want to complete the extra credit assignments, it must be submitted in the appropriate Google Classroom assignment before 12:00 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.

<table>
<thead>
<tr>
<th>Extra Credit Activities</th>
<th>Due</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>EC-1</td>
<td>See Google Classroom for date</td>
<td>10%</td>
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**Grading Scales**
- 90% - 100% = A
- 86% - 89% = B+
- 80% - 85% = B
- 76% - 79% = C+
- 70% - 75% = C
- 65% - 69% = D
- 0% - 64% = F