COURSE DESCRIPTION

This course presents a practical approach to systems analysis and design using a blend of traditional development with current technologies

- Define and describe in detail the five phases of systems development life cycle (SDLC): Systems Planning; Systems Analysis; Systems Design; System Implementation; and Systems Operations and Support.
- Provide the students with the tools for communications, economic analysis, and Project planning skills across all phases of the SDLC.
- Furnish students with an in-depth of how information systems support business requirements in today's competitive environment.
- Teach real world systems analysis and design skills in the context of solving realistic problems and present practical guidelines for career success.
- Provide a clear understanding of how systems analysts interact with users, management, and other information systems professionals in a typical business organization.
- Promote critical thinking skills and encourage student participation by providing case studies and lab projects.

COURSE MATERIALS

   ISBN: 0-538-48161-8
2. Personal Storage device

1. Each student will be expected to complete a series of lab assignments including a major group Project during the semester
2. There will be two in-class exams, Midterm and Final exam.
3. Students must plan to spend a minimum of 2 hours per week outside of class to work in the computer lab or at home to finish their reading and Lab assignments.

CLASS ORGANIZATION & ADMINISTRATION

Attendance Policy
You are expected to attend class regularly. No absences or any nature will be construed as relieving you from the responsibility for the completion of all work assigned by the instructor. Absences are discouraged because interaction with the instructor and classmates is an integral part of learning. Unexcused absences from exams and quizzes will result in a score of 0 for that test.-
If you need to leave class early please let the instructor know before the class begins.

**Student Responsibility**
If an emergency prevents you from attending class, it is your responsibility to obtain notes from a classmate and study them for understanding. If the notes and the text do not provide sufficient explanation, please see the instructor during office hours.

The responsibility for obtaining and completing all missed work rests solely upon the student.

**Classroom Conduct**
You are expected to be punctual, alert, and prepared for the class. You will be considerate of other students, which includes being quiet for the duration of the class period except when you have something to contribute to the class.

Please ask questions in class. If you are confused, more than likely several classmates are too. If you need extra help, please schedule an appointment in advance so the instructors can schedule their time efficiently.

**Term Project**
A team term project is part of the requirements for the System Analysis and Design course.

Each team member is expected to contribute to the team effort during the term. The performance of the team will be part of each team member’s final evaluation.

**Lab Work and Assignments**
Interaction with the instructor and fellow students is an integral part of the learning process. You are allowed to work with a lab partner on in class lab assignments.

Students must prepare all **Individual Assignments** on their own without any outside help. All work submitted for grading must be your own.

**Exams**
Exams will include questions and activities from the material covered in class and assigned as homework. Unexcused absences from exams will result in a score of 0 for that exam. Excused absences must be requested in advance of the in-class exam.

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**FINAL GRADE ASSIGNMENT**
The final grade for this course will be determined by the following percentages:

- Midterm: 30%
- Final Exam: 30%
- Assignments/Project: 40%
Course grades will be assigned as objectively as possible, according to the following scale:

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\begin{align*}
90 - 100 \% & = A \\
80 - 89 \% & = B \\
70 - 79 \% & = C \\
60 - 69 \% & = D \\
0 - 59 \% & = F
\end{align*}
\]

Management Science and Information System (29:623:318)

**COURSE SCHEDULE**

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<td>Introduction to Information Systems</td>
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<td>Analyzing the Business Case</td>
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<td>12 Shelly Rosenblatt</td>
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Ethics/Honor Code

The most frequent violations of the code and policies include but are not limited to:

* Copying or sharing a file or any portion of a file from another student
* Sharing or allowing another student to copy your files or any portion of a file
* Duplicating or distributing copies of copyrighted software program
* Unauthorized access or use of university computers, computer systems or computer network
* Creating, sending or distributing electronic chain letters
* Using a disk containing a virus in the computer lab, computer system or distributing the virus on the computer network
* Using the university computers, computer system or computer network to view or distribute profanity or objectionable material

* Students should visit and be familiar with Academic Integrity at Rutgers, http://academicintegrity.rutgers.edu/academic-integrity-at-rutgers
* and adhere to the RBS Honor Pledge that states: “I pledge, on my honor, that I have neither received nor given any unauthorized assistance on this examination or assignment