UTEP
Accounting and Information Systems Department
Business Systems Analysis and Design
CIS 3350 - Spring 2018

Instructor: Dr Leopoldo Gemoets

Class meeting: 12:00 to 13:20 TR Education room 301
Office Hours: MW 2:00 to 4:00 PM by appointment

E-mail: lgemoets@utep.edu
Cell 915 630 3531
Text Book:

Systems Analysis and Design Methods 7th Edition
by Jeffrey Whitten (Author), Lonnie Bentley (Author)
Referenced Book
Systems Analysis and Design, Ninth Edition
Authors: Gary B. Shelly & Harry J. Rosenblatt
ISBN-13: 978-0-538-48161-8.

Prerequisite: CIS 3345 or Instructor's permission.

Disclaimer: The following is a rough detail about what will be covered in lecture, assignments, grading, tests, etc. This is not a contract, but rather it is a guideline to be adjusted as necessary.

Course Objectives:

This is a three credit, introductory systems analysis and design course. The course is designed to

- Explain systems analysis and design
- Introduce project management concepts early in the systems development process
- Challenges students with book materials such as Question of Ethics mini-cases that ask students to respond to real-life ethical issues in an IT environment
- Provide multi-method coverage, including a comparison of structured, object-oriented, and agile systems development methods
- Emphasize the importance of planning, implementing, and managing an effective IT security program
- Explain how IT supports business requirements in today's intensely competitive environment, an describe major IT developments and trends

Grading:

1. 4 Exams	50%
2. 1 Projects	30%
3. HW	10%
4. 10 Quizzes	10%
Total	**100%**

Grades will be assigned based on the following scale.

A	**90+**	**C**	**70-79.9**	**D**	**60-69.9**
B	**80-89**			**F**	**<60%**

Exams: Each exam will consist of multiple choice questions which may involve the concepts discussed in your text books, materials covered in your assigned projects and labs, and operation procedures and rules of the Network being studied. Each exam will contain questions from the material covered since the last exam. If you miss exam 1 or 2, and have an approved excuse, a make-up exam may be held within one week from the original exam date. Three exams will be given during the course. The third exam is the final exam. It will not be cumulative and is scheduled during the final exam period. Students may also be required to take computer-based tests to assess their progress in learning Network.

A student who is unable to take an exam due to an emergency must inform me of that fact on or earlier than the day of the exam and arrange for a make-up exam before the graded exam is returned to the class. Any student

requiring a make-up will have to document his/her excuse (e.g., a letter from a physician written on the physician's letterhead). Make-ups will only be given during a regular class period or during my office hours. In no event will a make-up be given after the graded exam is returned to the class, which is usually the class period after the exam is scheduled.

Projects: You will present team projects. Each project is due before midnight on the due date. If you turn in a project on the day after the due date, 10 points will be deducted from your grade. 5 additional points will be deducted from your grade for each additional late day.

Lab Exercises: These assignments will be graded by group. You have to learn to work as a team! You need to submit reports in Blackboard for each assignment detailing what you found, what worked, what did not work and your reasons, in case it did not work. It is a good practice to use screen shots. Submit your report as a group.

Attendance: You are expected to attend all class sessions, arrive on time, and complete all reading assignments prior to class. If you are absent from class, it is your responsibility to catch up. For getting good grades, regular attendance is essential. Attendance sheets may be circulated when appropriate.

Quizzes: 12 Quizzes will be given during the course (one for each chapter). Each quiz will be administered after a chapter is finished and before another chapter is started. The best of 10 quizzes will be taken into account. A portion of your grade will be based on quizzes (10%).

Incomplete: University policy states that a grade of "I" may be given only when a student is currently receiving a passing grade in the course. An incomplete is meant for hardship cases where you are unable to complete the course requirements due to circumstances beyond your control. It is not meant to accommodate students who decide that the work load is too heavy. Adequate evidence of such hardship must be presented when requesting an "I" grade.

Inappropriate Behavior. Inappropriate behavior distracts other students and interferes with their learning experience. Inappropriate behavior may include arriving late, leaving early, talking, surfing the net, and so on. Rude and inappropriate behavior will not be tolerated. Since it is my responsibility to provide an environment that is conducive to learning for everyone is the class, I will deduct points from the final grade of a student who chooses to repeatedly distract others. In particularly egregious cases, I will have the student permanently removed from the class.

Academic Integrity. The University of Texas at El Paso prides itself on its standards of academic excellence. In all matters of intellectual pursuit, UTEP faculty and students must strive to achieve based on the quality of the worked produced by the individual. In the classroom and in all other academic activities, students are expected to uphold the highest standards of academic integrity. Any form of scholastic dishonesty is an affront to the pursuit of knowledge and jeopardizes the quality of the degree awarded to all graduates of UTEP.

Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Proven violations of the detailed regulations, as printed in the Handbook of Operating Procedures (HOP) and available in the office of the Dean of Students, may result in sanctions ranging from disciplinary probation, to failing grades on the work in question, to failing grades in the course, to suspension or dismissal, among others.

Disability: If you feel you may have a disability that requires accommodations, contact the Disabled Student Services Office at 747-5148, go to the Union Bldg, East, Room 106, or e-mail dss@utep.edu.

University official withdrawal date: March 30

Student responsibility: Individual students must operate with integrity in their dealings with faculty and other students; engage the learning materials with appropriate attention and dedication; maintain their engagement when challenged by difficult learning activities; contribute to the learning of others; and perform to standards set by the faculty.

Academic Irregularities and Students' Academic Grievances. Cheating, plagiarism, and unauthorized collaboration are unacceptable and subject to disciplinary actions. Plagiarism is turning in someone else's ideas work. Cheating is copying or giving your work to someone else. Such actions may include an "F" in the course and a letter of fact on your student record following the rules of the University and the College of Business.

Tentative Schedule of Classes

Date	Topic	Readings	Due
Wk1—	Introduction to Systems Analysis and Design Analyzing the Business Case	Chapter 1 Context of Systems Analysis and Design Methods Chapter 2 Information Systems Building Blocks	
Wk2—	Lab 1 Managing Systems Projects	Chapter 3 Information Systems Development	
Wk 3—	Lab 2 **Exam 1: Chapters 1-3**		
Wk 4—	Requirements Modeling Lab 3	Chapter 4 Project Management	
Wk 5—	Data and Process Modeling Lab 4	Chapter 5 Systems Analysis	
Wk 6—	Team Project # 1 Object Modeling	Chapter 6 Fact-Finding Techniques for Requirements Discovery	**Project # 1**
Wk 7—	Lab 5 **Exam 2: Chapters 4-6 Boot Camp Friday 9:00 12 Noon**		
Wk 8—	Development Strategies User Interface Design	Chapter 7 Modeling System Requirements Chapter 8 Data Modeling and Analysis	
Wk 9—	Lab 6 Data Design	Chapter 9 Process Modeling	
Wk 10—	Lab 7 **Exam 3: Chapters 7-9**		
Wk 11 —	System Architecture Team Project # 2	Chapter 11 Feasibility Analysis and the System Proposal	**Project # 2**
Wk 12 —	Lab 8 Managing Systems Implementation	Chapter 12 Systems Design	
Wk 13 —	Lab 9 Managing Systems Support and Security	Chapter 15 16 Input output design	
Wk 14—	Lab 10 Thanksgiving Holiday		
Wk 15—	**Exam 4: Chapters 10-12** Team Project # 3		**Project # 3**
Wk 16 —	**FInal EXAM May 7 - 11**		
