

CIS 3370 Systems Analysis and Design

Sul Ross State University

Instructor: Thea Glenn

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Office Hours: TBA

Class: 8:00 am – 9:15 pm TR

Required Materials:

Textbook:

Title: Systems Analysis and Design, Eleventh Edition

Author: Harry J. Rosenblatt; Scott Tilley

ISBN: 978-1-305-49460-2

References:

Check weekly folder for new references.

Computer Science Program Learning Objectives

- Describe the fundamental concepts of computer science including algorithms and data structures.
- Describe modern computer systems, databases, and networking.
- Demonstrate ability to implement current programming methodologies.
- Demonstrate proficiency with system design based on object-oriented programming.
- Work as a team in workgroup environments.

Course Objectives:

- Explain systems analysis and design using an appealing full-color format, numerous screen shots and illustrations, and an easy-to-read style that invites students to learn.
- Introduce project management concepts early in the systems development process, with a new chapter that explains project management tools and techniques.
- Challenge students with a Question of Ethics mini-case in each chapter that asks them 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.
- Explain how IT supports business requirements in today's intensely competitive environment, and describe major IT developments and trends.

Attendance:

Attendance Policy: Students are expected to attend every class. If class must be missed, the student is expected to get the notes from a classmate, and to check with me or on Blackboard for announcements and updated Assignment/Quizzes/Discussion Questions.

Students are expected to arrive to class on time. If a student is perpetually late, they will be asked to not attend class unless they can arrive on time. If tardiness becomes a problem for the class as a whole, people who arrive late will not be permitted to enter the class. If this stricter policy becomes necessary, there will be an announcement made in class.

It is policy of the university to drop a student with a grade of "F" if 9 hours or more of class are missed. For this course that would be 9 or more class sessions missed. For online courses student must log into blackboard within 3 weeks or will be withdrawn from the course with the grade of an "F"

Need for Assistance

Qualified students with disabilities needing academic or other accommodations to ensure full participation in the programs, services and activities at Sul Ross State University should contact the Disabilities Services Coordinator, in Counseling and Prevention Services, Ferguson Hall 112, Box C-117, Alpine, Texas 79832. Please notify me before the third day of classes.

Course Policies

Quizzes and Assignment/Quizzes/Discussion Questions must be submitted on time. I have set up rules in BlackBoard so that Assignment/Quizzes/Discussion Questions cannot be submitted after the due date.

Academic Dishonesty: Honesty in completing Assignment/Quizzes/Discussion Questions is essential to the mission of the university and to the development of the personal integrity of the student. Cheating, plagiarism, or other kinds of academic dishonesty will not be tolerated and will result in appropriate sanctions that may include failing an Assignment/Quizzes/Discussion Questions, failing the class, or being suspended or expelled. Suspected cases in this course may be reported to Student Life.

Posting of Grades

As soon as Assignment/Quizzes/Discussion Questions, exams, and quizzes are graded, the grades will be posted in Blackboard.

Grading

Letter grades will be determined using a standard percentage point evaluation as outlined below. Please note that this is a tentative schedule and can change. Any changes that happen will be updated in Blackboard. Due Dates for Assignment/Quizzes/Discussion Questions will also be posted in Blackboard.

Below is the list of weighted grades on each category.

Category	Weight
Quizzes	5
Discussion	5
Assignment	20
Project	25
Final Exam	25
TOTAL	100%

Your final grade will be determined by calculating points based on the following weights:

Credit	Grade	Percentage
4.0	A	90–100%
3.5	B+	85–89%
3.0	B	80–84%
2.5	C+	75–79%
2.0	C	70–74%
1.5	D+	65–69%
1.0	D	60–64%

0.0	F	<60%
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The table following is a tentative schedule of the planned Assignment/Quizzes/Discussion Questions. The legend for Assignment/Quizzes/Discussion Questions is below the table:

Grading Category	Activity Title	Grade Allocation (% of all graded work)
<i>Lesson 1: Introduction to Systems Analysis and Design</i>		
Required Readings	▪ Chapter 1, "Information Systems Security Policy Management"	0
<i>Lesson 2: Phase 1: Systems Planning</i>		
Required Readings	▪ Chapter 2, "Phase 1: Systems Planning"	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 3: Managing Systems Projects</i>		
Required Readings	▪ Chapter 3, "Managing Systems Projects"	0
<i>Lesson 4: Requirements Modeling</i>		
Required Readings	▪ Chapter 4, "Requirements Modeling"	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	0
<i>Lesson 5: Data and Process Modeling</i>		
Required Readings	▪ Chapter 5, "Data and Process Modeling"	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2

Grading Category	Activity Title	Grade Allocation (% of all graded work)
<i>Lesson 6: IT Object Modeling</i>		
Required Readings	▪ Chapter 6, “IT Object Modeling”	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 7: Development Strategies</i>		
Required Readings	▪ Chapter 7, “Development Strategies”	0
<i>Lesson 8: User Interface Design</i>		
Required Readings	▪ Chapter 8, “User Interface Design”	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 9: Data Design</i>		
Required Readings	▪ Chapter 9, “Data Design”	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 10: Systems Architecture</i>		
Required Readings	▪ Chapter 10, “Systems Architecture”	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 11: Managing Systems Implementation</i>		
Required Readings	▪ Chapter 11, “Managing Systems Implementation”	0
Assignment/Quizzes/Discussion Questions/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 12: Managing Systems Support and Security</i>		
Required Readings	▪ Chapter 12, “Managing Systems	0

Grading Category	Activity Title	Grade Allocation (% of all graded work)
	Support and Security”	
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 13 Tool Kit A: Communication Tools</i>		
Required Readings	<ul style="list-style-type: none"> ▪ Part A “<i>Tool Kit A: Communication Tools</i>” 	0
<i>Lesson 14: Toolkit B: CASE Tools</i>		
Required Readings	<ul style="list-style-type: none"> ▪ Chapter 14, “IT Security Policy Enforcement” 	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 15: Toolkit C: Financial Analysis Tools</i>		
Required Readings	Toolkit C: Financial Analysis Tools	0
Assignment/Quizzes/Discussion Questions	Posted in BlackBoard	2
<i>Lesson 16: Course Review and Final Examination</i>		25
<i>Project</i>	Course Review and Final Examination	25
<i>Exam</i>	<i>Final Examination-Present Pro</i>	25