



Texas A&M–Texarkana

MIS362 Systems Analysis and Design

Course Syllabus

Last Updated August 16, 2012

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Office Hours:

Monday	Tuesday	Wednesday
8:30am – 9:30am	8:30am – noon	8:30am – 9:30am
1:00pm-3:00pm	1:00pm-3:30pm	

Phone: (903) 223-3190

Course Number: MIS362.01W

Course Title: Systems Analysis and Design

Course Times: Web-based

Catalog Description: Study of the methodology for analysis and design of a business information system. Emphasis on critical analysis of existing systems and design of computer based systems. A systems analysis project is required. Prerequisite: Computer Literacy, or consent of instructor.

Text and Materials:

Systems Analysis and Design 9th Edition, 2011

By Shelly & Rosenblatt

Course Technology – Cengage Learning

ISBN 978-0-538-48161-8-6

Course Description and Objectives:

This course is designed to allow the successful student to gain an understanding of the major elements of systems analysis and design. Students will be required to complete a project in systems analysis that demonstrates an understanding of course materials. Class content will be lecture based with group learning activities where appropriate.

At the completion of this course the successful student should be able to:

- Describe the various roles and responsibilities of systems analysis and design;
- Explain the process of functional decomposition and its importance to the systems development process;
- Explain the traditional systems development lifecycle and other alternatives to systems development;
- Demonstrate an understanding of how to determine project value to an organization;
- Construct Data Flow Diagrams, and other logic and data models to communicate system characteristics;

- Describe the components, relationships, and functions contained in modern CASE tools; and
- Describe the implications of centralized vs. decentralized computing.

Tentative Class Schedule:

Date	Ch	Topic
Week 1	1	Introduction to Systems Analysis and Design
Week 2	2	Analyzing the business case
Week 3	3	Managing systems projects
Week 4	4	Requirements modeling
Week 5	5	Data and process modeling
Week 6	6	Object modeling
Week 7		Mid-Term Exam
Week 8	7	Development strategies
Week 9	8	Output and user interface design
Week 10	9	Data design
Week 11	10	Systems architecture
Week 12		Systems Analysis in Practice
Week 13	11	Managing systems implementation
Week 14		Thanksgiving Holiday Observed
Week 15	12	Managing systems support and security
Week 16		Final Exam

Evaluation:

Grades will be based on the timely completion of the following tasks:

- 40% - Systems Analysis Project
- 10% - Average of online quizzes
- 25% - Midterm exam
- 25% - Final exam

Grading Scale:

- A => 90
- B => 80
- C => 70
- D => 60
- F < 60

Academic Integrity

Academic honesty is expected of students enrolled in this course. Cheating on examinations, unauthorized collaboration, falsification of research data, plagiarism, and copying or undocumented use of materials from any source, constitute academic dishonesty, and may be grounds for a grade of "F" in the course and/or disciplinary action. The student is responsible for reading and understanding the University Policy on Academic Integrity.

Classroom Policies

- No assignments or exams will be accepted after the due date.
- The instructor must be informed of any technical difficulties within 24 hours of the occurrence for any remedy.
- Students are responsible for checking the computer clock in Blackboard and making sure that their assignments are submitted by the due date and time as determined by Blackboard.
- All written assignments should contain the student's name, class title, and the title of the assignment on each document submitted.
- The assignments and exams described in the course represent all possible credit for this class. No "extra credit" work is available.

Student Technical Assistance:

- Solutions to common problems and FAQ's for your web-enhanced and online courses are found at this link:
<http://www.tamut.edu/webcourses/index.php?pageid=37>
- If you cannot find your resolution there, you can send in a support request detailing your specific problem here:
<http://www.tamut.edu/webcourses/gethelp2.php>
- Blackboard Helpdesk contacts:
Office hours are: Monday - Friday, 8:00a to 5:00p
Julia Allen (main contact) 903-223-3154 julia.allen@tamut.edu

Frank Miller (alternate) 903-223-3156 frank.miller@tamut.edu

Nikki Thomson (alternate) 903-223-3083 nikki.thomson@tamut.edu

Systems Analysis Project

The project for this class will be submitted via weekly assignments and is based on the SoftWear, Limited (SWL) case in the text.

Accommodations:

Students with disabilities may request reasonable accommodations through the A&M- Texarkana Disability Services Office by calling 903-223-3062.

Plagiarism (Used with permission from Turnitin.com)

Many people think of plagiarism as copying another's work, or borrowing someone else's original ideas. But terms like "copying" and "borrowing" can disguise the seriousness of the offense:

According to the Merriam-Webster Online Dictionary, to "plagiarize" means

- to steal and pass off (the ideas or words of another) as one's own
- to use (another's production) without crediting the source
- to commit literary theft
- to present as new and original an idea or product derived from an existing source.

In other words, plagiarism is an act of fraud. It involves both stealing someone else's work and lying about it afterward.

But can words and ideas really be *stolen*?

According to U.S. law, the answer is yes. The expression of original ideas is considered intellectual property, and is protected by copyright laws, just like original inventions.

Almost all forms of expression fall under copyright protection as long as they are recorded in some way (such as a book or a computer file).

All of the following are considered plagiarism:

- turning in someone else's work as your own
- copying words or ideas from someone else without giving credit
- failing to put a quotation in quotation marks
- giving incorrect information about the source of a quotation
- changing words but copying the sentence structure of a source without giving credit
- copying so many words or ideas from a source that it makes up the majority of your work, whether you give credit or not.

Most cases of plagiarism can be avoided, however, by citing sources. Simply acknowledging that certain material has been borrowed, and providing your audience with the information necessary to find that source, is usually enough to prevent plagiarism. You can find more information about plagiarism from http://www.turnitin.com/research_site/e_what_is_plagiarism.html

During this course, student papers may be submitted to turnitin.com for evaluation. Turnitin.com is a tool that the University may use to determine whether or not any paper contains words or ideas from previously published materials. In the event that plagiarism is detected, a grade of zero will be given for the assignment.

Program Goals for the BBA Program

At the completion of the BBA program, students should have achieved these goals:

- Goal 1: Our graduates will be competent in the broad business disciplines that underlie the BBA degree.
- Goal 2: Our graduates will be competent in the discipline of their chosen major or concentration.
- Goal 3: Our graduates will demonstrate critical thinking skills.
- Goal 4: Our graduates will be able to communicate effectively in writing and in front of a group.
- Goal 5: Our graduates will be competent in the use of analytical tools via business software tools.
- Goal 6: Our graduates will be able to properly integrate business disciplines in developing holistic, multi-functional solutions.
- Goal 7: Our graduates will be able to correctly analyze financial statements.

E-Mail

Upon application to Texas A&M University-Texarkana an individual will be assigned an A&M-Texarkana email account. This email account will be used to deliver official university correspondence. Each individual is responsible for information sent and received via the university email account and is expected to check the official A&M-Texarkana email account on a frequent and consistent basis. Faculty and students are required to utilize the university email account when communicating about coursework.

Drop Policy: To drop this course after the census date (see semester calendar), a student must complete the Drop/Withdrawal Request Form, located on the University website <http://tamut.edu/Registrar/droppingwithdrawing-from-classes.html>) or obtained in the Registrar's Office. The student must submit the signed and completed form to the instructor of each course indicated on the form to be dropped for his/her signature. The signature is not an "approval" to drop, but rather confirmation that the student has discussed the drop/withdrawal with the faculty member. The form must be submitted to the Registrar's office for processing in person, email Registrar@tamut.edu, mail (7101 University Ave., Texarkana, TX 75503) or fax (903-223-3140). Drop/withdraw forms missing any of the required information will not be accepted by the Registrar's Office for processing. It is the student's responsibility to ensure that the form is completed properly before submission. If a student stops participating in class (attending and submitting assignments) but does not complete and submit the drop/withdrawal form, a final grade based on work completed as outlined in the syllabus will be assigned.