

## Syllabus and Course Outline

### MIS 415 Business Process Analysis and Design

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### Welcome to web-based MIS 415!

#### Course Description:

This course provides a methodical approach to developing computer systems including systems planning, analysis, design, testing, implementation and software maintenance. Emphasis is on the strategies and techniques of systems analysis and design for producing logical methodologies for dealing with complexity in the development of information systems. The course approaches the development of information systems from a problem-solving perspective. This course builds upon concepts to which the student has been exposed in previous classes.

#### Course Objectives:

1. Understand the types of business needs that can be addressed using information technology-based solutions.
2. Use at least one specific methodology for analyzing a business situation (a problem or opportunity), modeling it using a formal technique, and specifying requirements for a system that enables a productive change in a way the business is conducted.
3. Within the context of the methodologies they learn, write clear and concise business requirements documents and convert them into technical specifications.
4. Incorporate principles leading to high levels of security and user experience from the beginning of the systems development process.
5. Design high-level logical system characteristics (user interface design, design of data and information requirements).
6. Analyze and articulate ethical, cultural, and legal issues and their feasibilities among alternative solutions.

#### MEANS TO ACCOMPLISH OBJECTIVES:

1. Discussion boards
2. Hands-on projects
3. Exams
4. Concept (chapter) quizzes

#### Textbook:

SYSTEMS ANALYSIS+DESIGN-W/ACCESS, 10<sup>th</sup> Edition, 2014. Rosenblatt. ISBN: 9781285171340

## **STUDENTS WITH DISABILITIES:**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

**Office of Student Disability Resources and Services  
Texas A&M University-Commerce  
Gee Library  
Room 132**

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

- “All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment.”
- Students enrolled in on-line courses have the same rights and responsibilities as students in live-taught courses.
- Refer to Student’s Guide Book located at:  
[www.tamuc.edu/studentlife/guidebook.htm](http://www.tamuc.edu/studentlife/guidebook.htm)

## **ACADEMIC INTEGRITY**

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating of information or citation, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

WORK SUBMITTED TO THIS PROFESSOR MAY BE VERIFIED BY TURNITIN.COM.

All students are to read, sign and return the honesty policy for the College of Business and Technology. (See online)

### **Projects:**

Projects are individual assignments and are to be the result of your own work. Project assignments, support material and due dates will be made available in the weekly sections of the course website (ecollege). Due dates may vary depending on the length of the project and holidays. Completed projects need to be uploaded to the appropriate drop box on eCollege.

### **Exams**

There are two exams that must be completed during the semester. Each exam consists of several questions and you will have a limited amount of time to complete each exam, typically 1-2 days. Due dates are announced in ecollege ahead of time. Exams must be completed by the due date. Grading will focus on the quality, not quantity of your answers.

**Essay answers are to be the result of your own work. You may not collaborate with other students or use another individual's or group's work without proper citation. Collaboration on essay exams may result in a loss of points and a possible score of zero on the exam.**

**Quizzes:**

There will be online quizzes covering the chapter reading assignments. They will be randomly assigned true/false, multiple choice and available on the course website (ecollege). These may be taken open book and with open notes. You may use any appropriate source except other students for your answers. You will receive a grade as soon as you complete each quiz. Due dates will be announced in ecollege and you will generally have 5 to 7 days after the quiz is announced to complete it. You will not have access to any of the submission mechanisms after that date.

**Discussions:**

In this course, you will be expected to participate in weekly discussions. Professional communication is always expected. In order for you to achieve the maximum number of points for your Discussion grade, please answer each thread on three separate levels:

1. Answer the posted question
2. Respond to other's posted questions
3. Reply to any persons who have responded to you

Discussion questions and due dates will be posted under each week in ecollege. You will need to visit the section for the current week in ecollege for directions and due dates. Also check announcements regularly. You are to consider the question or topic and post an appropriate response. You should always support your response. Support can take the form of personal experience, examples or external sources (not textbooks) whenever appropriate. I will grade your responses based upon the quality of the response. This is to be an attempt to create a seminar environment where you will be able to increase one another's knowledge of the subject.

**Grading:**

<b>Grading Percentages:</b>	<b>Point Allocation:</b>	
A = >90 percent of total points	Discussions	200
B = 80 – 89 percent of total points	Projects	300
C = 70 – 79 percent of total points	Exams	300
D = 60 – 69 percent of total points	Quizzes	200
F = 59 or less percent of the total points	<b>Total Points Possible:</b>	<b>1,000</b>

**Using someone else's words or ideas as if they were your own is plagiarism. The way to avoid this is to give credit to the author. Use citations to give credit to the author; you will gain the respect of other professionals, and you will also avoid an automatic F on the paper and most likely for the course.**

“All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment.” (See the Student's Guide Book)

**ORGANIZATION**

Material for this class is organized by week in weekly sections on the course website (ecollege). There is a section for each week of the semester. Material will usually not be available until the beginning of the week (Monday). Graded material such as discussion assignments, assigned cases, exercises, and quizzes will be located under each week's section if they are assigned that week. Assignments are typically

available Monday but due dates may vary with the length of the assignment or holidays. Please check the weekly section for specific due dates. Assignments will include directions on how to turn them in. Most assignments are turned in via the dropbox in ecollege.

### **COURSE SCHEDULE**

The tentative course schedule will be posted in ecollege. Sometimes it is necessary to extend due dates or make changes/correction to assignments. Any changes to the schedule will be announced in ecollege and reflected in the course schedule. Please check ecollege announcements regularly for changes or updates.