

## MIS 424 Networking, Telecommunications and Security

Spring 2013

**Instructor:** Dr. Jeremy St. John  
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**Office Hours:** Online, MTW 8:30 to 11:00 and by appointment.

### Welcome to Web-Based MIS 424!

*I am available during office hours and by appointment. The best way to contact me is by email. This is an online course; therefore, **expect most communication to be online** as well. I will respond to emails within a 48 hour time period. Please **ONLY** send emails to [Jeremy.StJohn@tamuc.edu](mailto:Jeremy.StJohn@tamuc.edu). All emails must include MIS 424 in the subject line.*

**Course Description:** This course develops a managerial level of technical knowledge and terminology for data, voice, image and video communications and computer networks to effectively communicate with technical, operational, and management people in telecommunications. Students are expected to understand and apply data communications concepts to situations encountered in industry; learn general concepts and techniques of data communications; understand the technology of the Internet; understand the most important server and storage architectures and the main mechanisms for providing high-capacity processing and storage capacity; and understand the regulatory environment. The course develops capabilities that enable the student to make intelligent choices about computer architectures and platforms with appropriate emphasis on both organizational integration and flexibility.

**Course Prerequisite(s)** MIS 128, CSci 126, ETec 224, or IET 101

**Textbook(s) and Other Materials:** Required:  
*Business Data Networks and Telecommunications*, 9<sup>th</sup> Edition, Panko, R. R., Pearson Prentice Hall. ISBN: 0132742934

**Course Objectives:**

1. The student will be able to understand the capabilities as well as the strengths and weaknesses of various computational, data, networking and software architectures
2. The student will be able to provide an understanding of managerial issues and technologies related to interoperability: issues and technologies
3. The students will be able to understand how national and global standards organizations influence architectural standards, regulations and future developments
4. The students will be able to design, implement and manage security and disaster recovery plans and business continuity from an overall organizational perspective
5. The students will be able to examine issues related to the acquisitions and ongoing management of products, services and contracts.

**Means to  
Accomplish  
Objectives:**

1. Discussion boards.
2. Projects.
3. Quizzes.

**Accommodations:**

**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@tamu-commerce.edu](mailto:StudentDisabilityServices@tamu-commerce.edu)

**Conduct:**

“All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment.” (See Guidebook, p. 42-45)

**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 citations, 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.

All work submitted to this Instructor may be submitted to an academic integrity verification service such as Turnitin.com.

You are responsible for authenticating any assignment submitted to this instructor. If asked, you must be able to produce proof that the assignment submitted is actually your own work. Therefore, it is recommended that you engage in a verifiable working process on assignments. Keep copies of all drafts of your work, make photocopies of research materials, keep logs of journals of your work on assignments, and papers. Learn to save a version of assignments under individual filenames on computers or diskettes, etc.

The inability to authenticate your work, should it be requested, is sufficient grounds for failing an assignment.

**Appeals Process:** Students taking online classes at Texas A&M University-Commerce have the same rights as students enrolled in face-to-face classes. The A&M-Commerce Student Guidebook (page 55) details those rights and explains complaint and grievance procedures, as well as the Student Code of Conduct. Students have the right to appeal course grades, Guidebook (page 35), admissions committee decisions, or any adverse action taken by any online faculty against a student. The appeal process is the same for all types of appeals.

**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, projects, 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.

**Projects:** You will be required to complete four hands-on projects for this class. These are individual assignments and are to be the result of your own work. I will explain the processes and provide the necessary materials for this work on the class website. Projects need to be uploaded to the appropriate drop box on eCollege.

**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 topics may be added to the discussion area throughout the Semester. You will need to visit the area regularly. You are to consider the question or topic and post an appropriate response. You should support your response with 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. You should visit this at least once a week to read the material and respond appropriately. You may add information at a later time as you would in a regular discussion.

**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.

<b>Grading Percentages:</b>	<b>Point Allocation:</b>	
A = >90 percent of total points	Discussions 1- 5 (40 points each)	200
B = 80 – 89 percent of total points	Projects 1 – 4 (75 points each)	300
C = 70 – 79 percent of total points		
D = 60 – 69 percent of total points	Quizzes	200
F = 59 or less percent of the total points	<b>Total Points Possible:</b>	<b>700</b>

**Class 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.