MGMT4336 – Networks and Data Communication

Course Description/Overview

Provides an in-depth knowledge of data communications and networking requirements including networking and telecommunications technologies, hardware, and software. Management of telecommunications networks, cost-benefit analysis, and evaluation of connectivity options are also covered.

Prerequisite Knowledge
Management Information Systems 3343 and senior standing

Course Technology
Microsoft Word
Internet Explorer

Class Meeting Times
We will meet in Rassman 117
Monday nights from 6pm to 8:50pm

Technical Support
The Technology Service Center (TSC) may be contacted by calling (325) 942-2911 or 1-866-942-2911 or by email at helpdesk@angelo.edu

Faculty/Instructor Information

Name: Justin Thornton
Title: Adjunct
Office: NA
Phone: 325-201-7703
E-Mail: jthornton4@angelo.edu
Office Hours: NA (You can Email, TXT, or call)

Course Objectives

Students will gain an in-depth knowledge of computer networking and data communications, including, but not limited to, networking and telecommunications technologies. The course will lay emphasis on analysis and design of networking systems and applications used in business enterprises.
Learning Objectives:
Upon completion of this course, students will be able to show Knowledge of contemporary theory and practice in MIS. Competency in interpersonal, oral, and written communications in a systems environment or an applied problem. Proficiency in analytical thinking, critical analysis, creativity and problem-solving as applied to MIS problems, case study, or other applied problem. Knowledge of basic international business and globalization concepts associated with the support of commerce in an applied problem or case study. Acceptable ethical awareness and moral reasoning applied to a MIS problem, issue or case study.

Assessment Methods
Most class sessions will incorporate a combination of short lectures and in-class problem solving exercises and labs. Videos and guest lecture may be incorporated. Material from the text and outside sources will also be covered during lectures.

Blackboard: All materials will be distributed on the Internet via Blackboard. Students are responsible to download, print, and bring the required materials to class. Blackboard will also be used as a supplementary medium of communication, interaction, testing, and discussion. Your access to Blackboard will be available up to and including the date and time of the final exam.

Course Textbook and Required Readings
Data Communications & Computer Networks Edition: 8th
Author: White
ISBN: 9781305116634
Copyright Year: 2016
Publisher: Cengage Learning

Other readings will be assigned in a timely manner as needed and will be provided to you as PDF, in MS Word format, or as a link to an online resource.

Grading Policies
This course employs the following to measure student learning.

<table>
<thead>
<tr>
<th>Grade Calculations</th>
<th>Percent of Grade</th>
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<tbody>
<tr>
<td>Exams (2)</td>
<td>20%</td>
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<tr>
<td>Homework</td>
<td>60%</td>
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<tr>
<td>Class Participation</td>
<td>10%</td>
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<tr>
<td>Final Exam</td>
<td>10%</td>
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<tr>
<td>TOTAL GRADE %</td>
<td>100%</td>
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Angelo State University employs a letter grade system. Grades in this course are determined on a percentage scale:

A = 90 – 100 %
B = 80 – 89 %
C = 70 – 79 %
D = 60 – 69 %
F = 59 % and below.

Response Time
If you have any issues or questions please give me at least 24 hours to respond. If you do not get a response before 24 hours then you will need to contact me again because I did not get your communication.

Missed/Late Work
Assignments will not be accepted after the due date. If the student has an emergency then they should contact the instructor to discuss if the assignments will or will not be accepted. The final decision is up to the instructor.

Participation/Absenteeism

* Class participation includes (among other things) punctual attendance, arriving on time for lectures, providing discussion in class, not being disruptive, etc. Students with 2 unexcused absences will be penalized at least half of their class participation grade. Students missing 5 or more lectures will lose all class participation points. Tardiness will also affect your participation points.

Final Exam
A final Exam will be administered via Blackboard and at the date and time determined by the university.

Course Policies

Academic Honesty and Integrity

Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding and complying with the university Academic Honor Code, which is in both print and web versions of the ASU Student Handbook.

Academic integrity is expected. This includes, but is not limited to, any form of cheating, plagiarism, unauthorized sharing of work, or unauthorized possession of course materials. The professor assumes that all students can be trusted. Please do no violate this trust. Violation of academic integrity will result in a failing grade for the course.

It is the professor’s intention to be as fair and impartial as is humanly possible. Therefore, all students will be asked to adhere to the same set of guidelines and rules UNLESS there are disabilities or documented extenuating circumstances that have been discussed with the professor and the Student Life Office. Please
make sure you inform the professor as soon as any situation arises. Do NOT wait until the problem is compounded by poor class performance, poor attendance, etc.

**Code of Ethics**

Students, faculty, administrators and professional staff of the College of Business should always:

- Be forthright and truthful in dealings with all stakeholders
- Take responsibility for one’s actions and decisions
- Serve as an example of ethical decision-making and behavior to others
- Admit errors when they occur, without trying to conceal them
- Respect the basic dignity of others by treating them as one would wish to be treated

**Courtesy and Respect**

Courtesy and respect are essential ingredients to this course. We respect each other's opinions and respect others points of view at all times while in our class sessions. The use of profanity and harassment of any form is strictly prohibited (Zero Tolerance), as are those remarks concerning one's ethnicity, life style, religion, etc., violations of these rules will result in appropriate disciplinary actions.

**Accommodations for Disability**

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA), and subsequent legislation.

Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student’s responsibility to initiate such a request by emailing studentservices@angelo.edu, or by contacting:

Mrs. Dallas Swafford  
Director of Student Development  
Office of Student Affairs  
University Center, Suite 112  
325-942-2047 Office  
325-942-2211 FAX  
Dallas.Swafford@angelo.edu

**Student absence for religious holidays**

As stated in the Angelo State University Operating Policy and Procedures (OP 10.19 Student Absence for Observance of Religious Holy Day), a student who intends to miss class to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.

**Course Drop**

To view information about how to drop this course or to calculate important dates relevant to dropping this course, you can visit http://www.angelo.edu/services/registrars_office/course_drop_provisions.php.
Incomplete as a Course grade

As stated in the Angelo State University Operating Policy and Procedure (OP 10.11 Grading Procedures), the grade "I" is given when the student is unable to complete the course because of illness or personal misfortune. For undergraduates, an "I" that is not removed before the end of the next long semester automatically becomes an "F". A graduate student will be allowed one year to remove a grade of "I" before it automatically becomes an "F". To graduate from ASU, a student must complete all "Is".

Grade Appeal Process

As stated in the Angelo State University Operating Policy and Procedures (OP 10.03 Student Grade Grievances), a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, has experienced inequitable evaluation procedures, or inappropriate grading practices, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the grade appeal process and the number of days allowed for completing the steps in the process, see Operating Procedure 10.03 at: http://www.angelo.edu/content/files/14196-op-1003-grade-grievance.

Course Outline

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<td>Intro, CH 1</td>
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<td>Jan 29</td>
<td>CH 2 &amp; 3</td>
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<td>Feb 5</td>
<td>Ch 4</td>
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<tr>
<td>Feb 12</td>
<td>CH 5</td>
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<tr>
<td>Feb 19</td>
<td>Exam 1</td>
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<tr>
<td>Feb 26</td>
<td>Ch 6</td>
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<td>Mar 5</td>
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<td>Mar 12</td>
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<td>Mar 19</td>
<td>Review before test</td>
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<td>Mar 26</td>
<td>Exam 2</td>
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<td>Apr 2</td>
<td>Ch 9</td>
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<td>Apr 9</td>
<td>Ch 10</td>
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<td>Apr 16</td>
<td>Ch 11</td>
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<td>Apr 23</td>
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<td>Apr 30</td>
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<td>May 7</td>
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