

## BUSA 526 – Data & Info Management

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**Office Hours:** By appointment request and available times.

### Required Materials:

- **ISBN:** 978-0321992475 - SQL Queries for Mere Mortals: A Hands-On Guide to Data Manipulation in SQL (3rd Edition).
- **Access to MySQL.**

### Course Description:

In this course, you will gain both an understanding of and the ability to work with databases. They are the fundamental tool of business in today's marketplace. You will also gain facility in using the tools provide in the MySQL to analyze data to provide answers to business questions.

### Learning Objectives:

This course provides an introduction to the core concepts in data and information management. It is centered around the core skills of identifying organizational information requirements, modeling them using conceptual data modeling techniques, converting the conceptual data models into relational data models and verifying its structural characteristics with normalization techniques, and implementing and utilizing a relational database. The course will also include coverage of basic database administration tasks and key concepts of data quality and data security. Building on the transactional database understanding, the course provides an introduction to data and information management technologies that provide decision support capabilities under the broad business intelligence umbrella.

### Student Learning Objectives:

Student will:

1. Understand and be able to use the entity-relationship diagram to create database prototypes.
2. Be able to use SQL to implement database prototypes in a database management system such as MySQL.
3. Be able to use SQL to retrieve data, and perform simple data analysis in a database management system

### 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.

### Course Policies:

- **Class Participation:** The University expects regular attendance by students in each course. Class attendance is useful to the student as a means of acquiring knowledge and clarification, and is a prerequisite for class participation. Class participation is the active engagement in questions and answers, taking part in analyses of business situations, and contribution of comments in the collaboration exercises. Class attendance and class participation for an

online course requires active engagement in discussion boards and ecollege on a daily/weekly basis.

- **Behavior:** "All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment." (See Student's Guide Book). During your collaboration with me and your fellow students online or in class, professionalism and respect will be expected. I encourage you to assist one another via the blog sessions or the Student Lounge within eCollege, but always respect one another's opinion and communicate professionally with each other and with me.
- **Any form of cheating--copying, sharing files, submitting the work of another as your own--is not permitted.** Students who participate (as givers/receivers) in any form of cheating will **fail the course**
- **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](mailto:StudentDisabilityServices@tamuc.edu)

In this course, students play four roles (As you assume these roles, this may change the course syllabus): (1). Valued customers of Texas A&M University-Commerce; (2) Co-Managers of the teaching/learning process; (3) Products whom we supply to employers, and (4) To a lesser extent, in-process or raw materials as you acquire additional knowledge.

**Class Calendar:**

The class schedule will be provided in eCollege. Each assignment is listed with its due date. Since assignments and projects make up the majority of your grade, you should make every effort to complete them on time. Late assignments are **highly** discouraged. For each day an assignment is late it will be deducted 10%. Under **NO** circumstances will I accept an assignment more than a week late.

**Grading:**

Assignments/Projects	Percentage
Class participation and written exercises	10%
Application Exercises	50%
Mid Term Exam	20%
Final Exam	20%

90-100%	A
80-89%	B
70-79%	C
60-69%	D
below 60%	F

**Campus Concealed Carry:**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to (<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>) and/or consult your event organizer). Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

**Texas A&M University-Commerce**  
**College of Business**  
**Academic Dishonesty Policy**

**Statement of Ethical and Professional Conduct:**

The College of Business at Texas A&M University-Commerce faculty, staff and students will follow the highest level of ethical and professional behavior. We will strive to be recognized as a community with legal, ethical and moral principles and to teach and practice professionalism in all that we do.

In an academic environment we will endeavor to not only teach these values but also to live them in our daily lives and work. Faculty and staff will be held to the same standards and expectations as our students.

The Academic Dishonesty Policy of the Accounting Department is governed by the following university procedures: 13.99.99.R0.03 Undergraduate Academic Dishonesty and 13.99.99.R0.10 Graduate Student Academic Dishonesty. You may read the procedure in its entirety from the University's website.

Failure to abide by these principles will result in sanctions up to and including dismissal.

**Actionable Conduct:**

**CHEATING:** Intentionally using or attempting to use unauthorized materials, information, notes, study aids or other devices or materials in any academic exercise. Unauthorized materials may include anything or anyone that gives a student assistance, and has not been specifically approved in advance by the instructor.

**COMPLICITY:** Intentionally or knowingly helping, or attempting to help, another to commit an act of academic dishonesty.

**ABUSE AND MISUSE OF ACCESS AND UNAUTHORIZED ACCESS:** Students may not abuse or misuse computer access or gain unauthorized access to information in any academic exercise.

**FABRICATION:** Making up data or results, and recording or reporting them; submitting fabricated documents.

**FALSIFICATION:** Manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.

**FORGERY:** Making a fictitious document, or altering an existing document, with the intent to deceive or gain advantage.

**MULTIPLE SUBMISSIONS:** Submitting substantial portions of the same work (including oral reports) for credit more than once without authorization from the instructor of the class for which the student submits the work.

**PLAGIARISM:** The appropriation of another person's ideas, processes, results, or words without giving appropriate credit.

**SPECIAL NOTE REGARDING GROUP PROJECTS:** If someone in a group commits academic misconduct, the entire group could be held responsible for it as well. It is important to document clearly

who contributes what parts to the joint project, to know what group members are doing, and how they are acquiring the material they provide.

**VIOLATION OF DEPARTMENTAL OR COLLEGE RULES:** Students may not violate any departmental or college rule relating to academic matters.

**Sanctions:**

If a student is accused of academic dishonesty, the faculty or staff member making the allegation will use Texas A&M University-Commerce and/or Texas A&M University System Policy and Procedures as appropriate to guide sanctions.

First Offenses:

- The most common penalty imposed by a faculty member for a first violation is an “F” in the course. Less severe penalties may be imposed if the circumstances warrant. Examples of lesser penalties include:
- A grade reduction for the course;
- A zero on the assignment;
- A requirement to participate in extra requirements or training;
- Some combination of these.

A second offense may result in separation (suspension or expulsion) from the University.

**Procedures:**

Once a charge of academic dishonesty has been made, the student may not drop the class until the academic dishonesty process has been completed. If a student withdraws from the University while a charge of academic dishonesty is pending, he/she will be blocked from re-enrolling until the matter is resolved using this procedure.

If the Dean of Graduate Studies or Provost Office informs the faculty or staff member that the incident is a first offense, and the student accepts responsibility for the charge, and the student and faculty or staff member agree on the penalty, assessment of the penalty concludes the disciplinary action.

If the student disagrees with the charge or any of the above penalties for a first offense, he/she is entitled to appeal in writing to the Department Head/Director, and then to the Academic Dean/Director of School. The decision of the Academic Dean/Director of School regarding the student’s appeal of a first offense is final.

I have read and understand the Academic Dishonesty Policy.

Print Name \_\_\_\_\_ Signed \_\_\_\_\_ Date \_\_\_\_\_