BUSA 526: Database Management

COURSE SYLLABUS: Spring 2024 (81B)

Professor: Dr. Bo Han, Associate Professor of Business Analytics
Email Address: bo.han@tamuc.edu
Preferred Form of Communication: Email.
Response Time: I will reply everyone's emails within 24 hours except for Saturdays, Sundays, and the university approved holidays. Emails received during Saturdays, Sundays, and the university approved holidays will be replied on the following business day.

Welcome!

Hello everyone,
Welcome to BUSA 526 Database Management class! I look forward to meeting you in class. Please make sure to bring your laptop to class so that you can work on database design exercises.

Please feel free to email me any time when you have questions. I'm here to help! To protect your academic privacy, please always use your tamuc.edu email. Tamuc.edu email is the fastest way to reach me. All class announcements will be sent to your tamuc.edu email as well.

COURSE INFORMATION

Textbook
No required textbook. All learning materials are provided on myleo online.

COURSE DESCRIPTION

This course introduces core concepts in data and information management. The focus is on identifying organizational information requirements, modeling them using conceptual data modeling techniques, converting the conceptual data models into relational data

models and implementing and utilizing a relational database. The dimensional modeling concept will also be introduced.

College of Business Student Learning Outcomes:

1. Students will demonstrate proficiency in spoken communications by delivering clear and well-structured business presentations.
2. Students will demonstrate proficiency in written communications by creating clear and well-structured business documents.
3. Students will identify and evaluate ethical business issues.
4. Students will identify and evaluate global business challenges.
5. Students will be analytical problem solvers in business environments.

COB Student Learning Outcomes (SLOs)	Course Outcomes - After successfully completing this course, students will be able to:	Measurement Methods (Outcome Assessments)
2, 5	• Understand and be able to use the entity-relationship diagram to create database prototypes; • Be able to use SQL to implement database prototypes in a database management system; • Be able to use SQL to retrieve data, and perform simple data analysis in a database management system.	• Exam • Project

GRADING

Group Project (A Maximum of 40 Points)

One group project regarding database design will be given during this semester. You can get a maximum of 40 points from this project. Please note:

- Project points are very important to your final grade! **The due date for the project is 6 PM on April 7, 2024. No late submission will be accepted!** Early submission is highly recommended.
- If you like, you can complete the project by yourself. If you like to form a group, make sure your group has 4 or fewer members. **Submissions from groups with more than 4 members will not be graded.**
- Each group only needs to submit one copy of the project.
- If you need to find group members, please see the “Call for Members” document on myleo online.

- No matter you want to complete the project alone or in a group, please let me know your decision by email by **6 PM on February 1**. When emailing me, please clearly list the first and last names of each group member. **Each group only needs one member to email me your decision and member names.**

Exams (A Maximum of 60 Points)
Three exams will be given during this semester. You can get a maximum of 20 points from each exam. Each exam will be open on myleo online according to the following schedule. You can choose any time during the scheduled dates to take the online exam. Once you start the exam, you have two hours to complete the exam. You can't pause the exam once it is started. The exam schedules are:

- **Exam 1** will be open from **10 AM on January 29 to 6PM on February 4.**
- **Exam 2** will be open from **10 AM on February 26 to 6PM on March 3.**
- **Exam 3** will be open from **10 AM on April 29 to 6PM on May 8.**

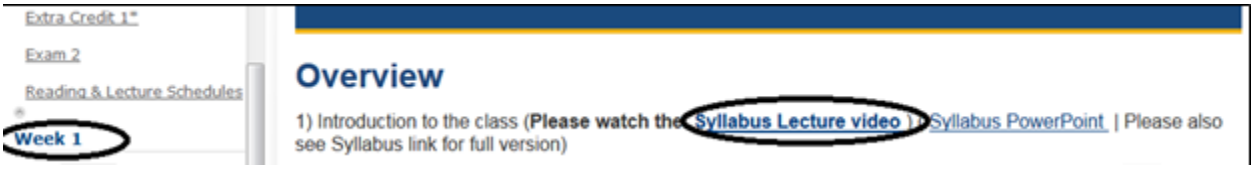
Final Grade
At the end of this semester, if your total point is between 90 and 100, you will get an A; if it's between 80 and 89, you will get a B, and so on. **Please note that the actual points will be used to calculate your final grade.** No percentage or curving will be used in this class.

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

Bonus points
You can participate in the instructor assigned activities to get a maximum of 3 points for bonus in this semester.

VIDEOS

Videos are very important to support your learning and academic success in this class. I introduce the main concepts and knowledge structures to you each week. **Be sure to watch the lecture videos.** All lecture videos are located in the separate links (Module 1, Module 2, …) on D2L, as shown in the example below:



COMMUNICATION AND SUPPORT

If you have questions in software operations, please be sure to include the screenshots of the issues in the emails.

All assignment due dates, project deadlines, and exam time are central standard time in the United States.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the Student Guidebook.
http://www.tamuc.edu/admissions/registrar/documents/studentGuidebook.pdf

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: Netiquette
http://www.albion.com/netiquette/corerules.html

TAMUC Attendance

For more information about the attendance policy please visit the Attendance webpage and Procedure 13.99.99.R0.01.
http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

Undergraduate Academic Dishonesty 13.99.99.R0.03

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

Graduate Student Academic Dishonesty 13.99.99.R0.10

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf

ADA Statement

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
Email: Rebecca.Tuerk@tamuc.edu
Website: Office of Student Disability Resources and Services
http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

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 the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

Web url:
http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf

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.

AI use policy [Draft 2, May 25, 2023]

Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors ′guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

13.99.99.R0.03 Undergraduate Academic Dishonesty
13.99.99.R0.10 Graduate Student Academic Dishonesty