Management Information Systems (COSC 3333.06 and 3333.063)

Term: *Spring 2026*

Professor: Seth Norman

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Course Dates: Jan 12, 2026 - May 2, 2026

Office Hours: Tuesdays and Thursdays from 1:00 – 2:30

Zoom link:

https://us05web.zoom.us/j/83377908156?pwd=H2lnDViHVrL7IsAa8ibGnvOTQlTpgB.1

Passcode: 8TFXyj

If you cannot meat during the time slots above, make an appointment.

Course Times: Internet

Classroom: not applicable

Course Overview

This course is a survey of tools and techniques for gathering business information and structuring and manipulation of data to support managerial decision making. Main topic areas include decision support system technology, AI tools, expert systems, and business applications.

Student Learning Outcomes

After successfully completing this course you will be able to:

- Understand the role of information systems in organizations
- Understand various information systems that are used
- Understand data management
- Effectively use technology to locate pertinent business information
- Ethically and effectively use AI tools in business scenarios

Required Textbooks and Readings

- **Primary Textbook:** None

Special course notes

- **None**

Course Structure

This is a fully online class. There are no in-person or Zoom meetings. Learning materials and assignments will be posted periodically with due dates.

Tips for Success in this Course

1. **Participate.** I invite you to engage deeply, ask questions, and talk about the course content with your classmates. You can learn a great deal from discussing ideas and perspectives with your peers and professor. Participation can also help you articulate your thoughts and develop critical thinking skills.
2. **Manage your time.** I get it—students usually juggle a lot, and I know you've got commitments beyond this class. Still, doing your best often means carving out enough dedicated time for coursework. Try scheduling specific blocks of time and ensure you have enough room to finish assignments, allowing extra space for any tech issues that might pop up.
3. **Login regularly.** I recommend that you log in to Canvas a few times a week to view posted assignments and announcements.
4. **Do not fall behind.** If you feel you are starting to fall behind, check in with the instructor as soon as possible so we can troubleshoot together. It will be hard to keep up with the course content if you fall behind.
5. **Use Canvas notification settings.** Canvas can ensure you receive timely notifications in your email or via text. Be sure to enable notifications to be sent instantly or daily. (Canvas Notification Guide)
6. **Ask for help if needed.** If you are struggling with a course concept, reach out to me and your classmates for support. Grading Structure

Assignment	Percentage %
Quizzes	33.3%
Hands on MIS projects	33.3%
Using AI projects	33.3%
Total	100%

Grading Scale

- ➔ **A** - (90% or higher)
- ➔ **B** - (80 - 89%)
- ➔ **C** - (70 - 79%)
- ➔ **D** - (60 - 69%)
- ➔ **F** - (Below 60%)

Note that there is no final exam in this course.

Late Work and Make-Up Exams:

My late policy is **10% per day late**. For example, if you submit an assignment 2 days late, your maximum possible score is 80%. Submitting an assignment 10 days (or more) after the due date makes it impossible to earn any credit for that assignment.

University Policies & Student Resources:

University policies and student resources are available on the University website and in Canvas under "Syllabus". (You may copy or print the following information to include in your syllabus or use the links provided below.)

- University Policy
- Student Resources

Calendar of Topics, Readings, and Due Dates

Note the last date to drop the course is included in the calendar along with the final exam date and time.

Week numbers	**Start date**	**Topics**
1, 2	January 12	Hardware and software
3, 4	January 26	Database and ERP
5, 6	February 9	IoT and Networking
7, 8	February 23	Cloud computing and security
9	March 9	Spring break
10, 11	March 16	eCommerce and AI
12, 13	March 30*	Decision making with data analytics and business intelligence
14, 15	April 13	Building information systems
16	April 27	There is no final exam in this course

*The last day to withdraw from this course is March 30.

Note: This is a tentative schedule, and subject to change as necessary – monitor the course page for current deadlines. In the unlikely event of a prolonged university closing, or an extended absence from the university, adjustments to the course schedule, deadlines, and assignments will be made based on the duration of the closing and the specific dates missed.

Artificial Intelligence Statement

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy.

This course has specific assignments where artificial intelligence (AI) tools (such as ChatGPT or Copilot) are required. When AI use is permissible, it will be clearly stated in the assignment directions.