

THE UNIVERSITY OF TEXAS AT EL PASO
Woody L. Hunt College of Business
Department of Accounting and Information Systems

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CIS 3305 – Foundations of Info Sys & BA
Course Syllabus, Spring 2026

Office Hours: Mondays 3:00 – 5:00pm
Wednesdays 3:00 – 5:00pm
Friday 1:30 – 4:00pm

Course Description

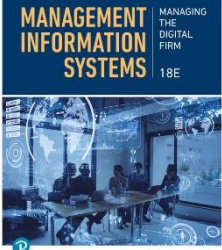
This course integrates computer and information systems concepts and provides a strong managerial emphasis, focusing on the impact of technologies in different environments. Coverage includes analysis, design, development, and implementation of information systems. The course provides the fundamentals of the management of information systems, including organizational, global, and strategic issues.

Learning Objectives

The objective of CIS 3305 is to increase the student's understanding of the role of IT in business so that they can be prepared for an active role in designing, using, and managing information systems. Upon successful completion of this course, the students will be able to:

- describe how organizations compete with information technology;
- describe how organizations use information technology for competitive advantage; develop a systems view of the role of technology in various domains;
- understand information systems concepts and their application to organizations;
- know the fundamentals of computer hardware, software, database management systems, and telecommunication;
- classify and categorize types of information systems based on the types of functions they support;
- know the various approaches to Information Systems development;
- understand the emerging technological issues facing management;
- understand diversity/inclusion concepts while working in a group;
- and understand concepts like artificial/business intelligence/data analytics

Required books

	<p>Pearson MyLab & Mastering</p> <p>Management Information Systems; Kenneth Laudon and Jane Laudon, 18th edition, Pearson ISBN-9780138344108</p> <p>This course/text can be purchased and accessed via a link in Blackboard</p>
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Technology Requirements

Course content is delivered via the Internet through the Blackboard learning management system.

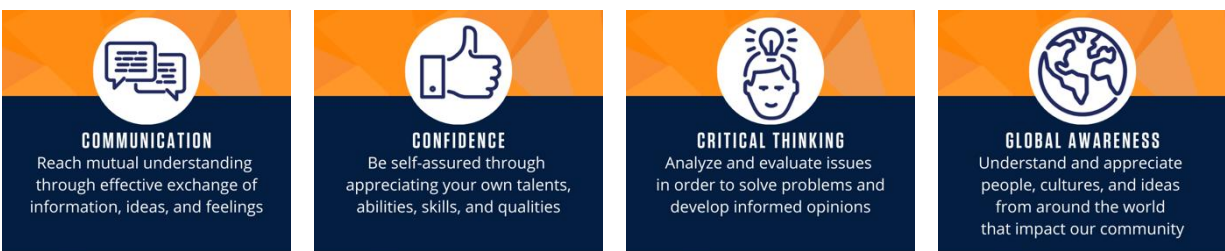
Ensure your UTEP email account is working and that you have access to the Web and a stable web browser. Google Chrome and Mozilla Firefox are the best browsers for Blackboard; other browsers may cause complications. When having technical difficulties, update your browser, clear your cache, or try switching to another browser.

We may download and use additional programs over the course of the semester. Details will be provided in Blackboard when and if additional programs are used. **This course is intended to be compatible with any computer operating system.** If any of the software we use is not compatible with your computer I will work with you to find a solution or substitute.

UTEP EDGE – Experiences



UTEP EDGE – Advantages





LEADERSHIP

Step up, think, and act critically and creatively to bring others together to accomplish a common task



PROBLEM SOLVING

Find solutions to difficult or complex issues



SOCIAL RESPONSIBILITY

Act ethically and responsibly for the benefit of society and the public good



TEAMWORK

Participate as an effective, efficient member of a group in order to meet a common goal

Teaching Methods

1. Attendance Quizzes
 - i. It is important for students to come prepared to class and engage in each session. Therefore, during the first 5 minutes of each lecture, students will be given a passcode to access a short quiz. The quiz score will be based solely on completion for the purpose of tracking attendance. There are no excused absences, but at the end of the semester, 5 of these attendance quizzes will be dropped from your final grade.
2. Reading Quizzes
 - i. There will be a reading assignment before most classes. After completing the reading, students will take a reading quiz to test their comprehension of the assigned material. The goal of these assignments is for students to start thinking about the material before class, so they are ready to learn.
3. Assignments
 - i. Regular assignments related to the content we cover in class will be assigned and submitted via Blackboard
4. Current Event Presentations
 - i. Early in the semester, students will be randomly assigned to groups. Each group will be assigned a day of class to make a 6-10 minute presentation on a current event or recent development related to information systems. Further details will be provided in class.
5. Exams
 - i. This course includes three exams. The exams will consist of multiple-choice and true/false questions which may involve the concepts discussed in the textbook, materials covered in assigned projects, and topics covered in class.
 - ii. Exams will be delivered via Blackboard.
 - iii. A student who is unable to take an exam due to an emergency must inform me of that fact on or earlier than the day of the exam and arrange for a make-up exam before the graded exam is returned to the class. Any student requiring a make-up exam will have to document his/her excuse (e.g., a letter from a physician written on the physician's letterhead). In no event will a make-up exam be given after the graded exam is returned to the class.
6. Final Project
 - i. For the final project in this course, students will create and host a personal bio website. Details will be given in class.

Evaluation

1. Exams – 100 points each.....300 points
2. Final Project – 50 points50 points
3. Current Event Presentation – 50 points50 points
4. Attendance Quizzes – 10 points each (25 total, 5 lowest scores dropped).....200 points
5. Reading Quizzes – 10 points each (20 total)200 points
6. HW – 20 points each (10 total).....200 points

A	B	C	D	F
900	800	700	600	<600

Late Assignments

Late assignments will be awarded 25% less credit per day late. If students need additional time to complete an assignment, they may contact me **before the assignment is due** to receive a deadline extension. Make-up assignments will not be given.

Extra Credit

In this class you may earn up to a limit of 20 extra credit points (equivalent to a 2% boost to your final grade) by completing extra credit opportunities offered throughout the semester. Extra credit opportunities include but are not limited to the following:

- One extra credit point will be granted to each student for every typo or mistake they catch in the course material (e.g., syllabus, PowerPoints, quizzes, etc.)
- 10 extra credit points will be granted to each student who completes course evaluations at the end of the semester

Email Procedure

Please include “CIS 3305” and your course CRN in the subject line of all emails to the instructor to ensure that they are properly filtered. It would be helpful if the subject line also included a brief statement of need, for example: “CIS 3305 CRN 24941 – Request for Appointment.” Please read the following link about emailing a professor for some helpful suggestions (e.g., please start with a greeting including my name and a signature including your name):

<http://www.wikihow.com/Email-a-Professor>.

Accommodations

If you need special accommodations due to a disability, as recognized by the Americans with Disabilities Act, please contact The Center for Accommodations and Support Services (CASS) at 747-5148 or email at cass@utep.edu, or visit their office located at UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

Academic Integrity

Academic dishonesty is prohibited and is considered a violation of the UTEP Handbook of Operating Procedures. It includes, but is not limited to, cheating, plagiarism, and collusion. Cheating may involve copying from or providing information to another student, possessing unauthorized materials during a test, or falsifying research data on laboratory reports. Plagiarism occurs when someone intentionally or knowingly represents the words or ideas of another as

one’s own. Collusion involves collaborating with another person to commit any academically dishonest act. Any act of academic dishonesty attempted by a UTEP student is unacceptable and will not be tolerated. All suspected violations of academic integrity at The University of Texas at El Paso must be reported to the Office of Student Conduct and Conflict Resolution (OSCCR) for possible disciplinary action. To learn more, please visit [HOOP: Student Conduct and Discipline](#).

Acceptable Use of Artificial Intelligence (AI)

Some AI technologies or automated tools, particularly generative AI such as ChatGPT can be very powerful study aids. Keep in mind that AI-generated ideas are not your own and may hinder your ability to think critically and creatively about a problem. It is also important to remember that these technologies often “hallucinate” or produce materials and information that are inaccurate or incomplete—even providing false citations for use.

You are not allowed to submit any AI-generated work as your own in this course. If you use any information or material created by AI technology, you are required to cite it like you would any other source. See the example citation below:

ChatGPT(version). Date of query (year/month/day). “Text of your query.” Generated using OpenAI ChatGPT. <https://chat.openai.com/>

Direct use of AI generated materials submitted as your own work will be treated as plagiarism and reported to the Office of Student Conduct and Conflict Resolution (OSCCR).

Tentative Course Outline

Date	Lessons/Assignments
Week 1	
1/21	Syllabus, Intro to Information Systems
Week 2	
1/26	Effective Learning & AI
1/28	Information Systems in Global Business
Week 3	
2/2	Global E-business and Collaboration
2/4	Global E-business and Collaboration
Week 4	
2/9	Information Systems, Organizations, and Strategy
2/11	Information Systems, Organizations, and Strategy
Week 5	
2/16	Ethical and Social Issues in Information Systems
2/18	Ethical and Social Issues in Information Systems
	Exam 1
Week 6	
2/23	IT Infrastructure & Emerging Technologies
2/25	IT Infrastructure & Emerging Technologies
Week 7	
3/2	Foundations of Business Intelligence: Databases and Information Management

3/4	Foundations of Business Intelligence: Databases and Information Management
Week 8	
3/9	Telecommunications, the Internet, and Wireless Technology
3/11	Telecommunications, the Internet, and Wireless Technology
SPRING BREAK	
3/16	No Class - Spring Break
3/18	No Class - Spring Break
Week 9	
3/23	Securing Information Systems
3/25	Securing Information Systems
	Exam 2
Week 10	
3/30	Enterprise Applications
4/1	Enterprise Applications
Week 11	
4/6	E-commerce
4/8	E-commerce
Week 12	
4/13	Artificial Intelligence
4/15	Artificial Intelligence
Week 13	
4/20	Building Information Systems
4/22	Building Information Systems
	Exam 3
Week 14	
4/27	Web Dev: HTML & CSS
4/29	Web Dev: HTML & CSS
Week 15	
5/4	Web Dev: Hosting
5/6	Web Dev: Vibe Coding

Important Notes:

1. In addition to the announced office hours, students may email me at any time to ask questions.
2. If you have any trouble with the class, please get help ASAP. Do not let the problems build up.
3. This syllabus is tentative.