



Management Information Systems – CRN: 11209

CISA 3358 – 601

Spring 2026 Department of Computing and Software Security, College of Business
Course Syllabus

Class Meeting Time and Place: Online Synchronous

Class Duration: Jan 20, 2026 - May 4, 2026

Instructor: Akila Jayawardhana

Online

Tel: 214-809-4428

E-Mail: rjayawardha@tamusa.edu

Student emails will receive a reply within two business days.

Course Website: <https://tamusa.blackboard.com/>

Office Hours: Online: by appointment

Catalog Course Description: A comprehensive study of the use of information technology as an organizational resource, including the implementation of disciplined processes and management development to effectively exploit the power of modern information technology. This course is specifically designed for non-computer information systems majors. Grade of 'C' or better in each of: CISA 1305 or CSCI 1336 or CSCI 1436.

Course Objectives: Students will learn about information system concepts, hardware and software systems components, basics of systems operation, and the ethical use of information systems. Students will gain a greater understanding of information systems.

Prerequisites: CSCI 1336. Students who do not meet the pre-requisites must contact the academic advisor immediately.

Student Learning Outcomes:

After successful completion of this course, students will be able to:

1. Students demonstrate usage of business computer applications.
2. Students apply the concepts and techniques of information systems to business cases.
3. Students select appropriate information system solutions for business problems.

AACSB Assessment:

The College of Business is in the process of applying for AACSB accreditation. As part of that process, students will be assessed on program level outcomes based on course outcomes from various courses. The materials from this course may be

used for assessing such program level outcomes, and hence students must follow the necessary rigor to ensure mastery of the above course outcomes.

Required Materials: To be purchased

- **CENGAGE UNLIMITED.** The Cengage Unlimited code that includes both textbook and additional resources. Cengage Unlimited, 1 term (4 months), 1st Edition ISBN: 9780357700006
- Computer Hardware: In order to participate in the office hours sessions you will need a computer with an internet connection, a microphone and speakers/headphones. Also, it is recommended that you have 2 devices with internet access.

B. Additional Free Items

- You will need to use Microsoft BI, and SAP to complete class assignments. You will also be able to download the installation software from the Microsoft Azure software website. You will receive your login name and password at your Jaguar email address once your access has been activated. These tools are either free versions or limited time trial versions, and do not require a purchase. Instructions and website links or additional software will be provided.
- **Time:** You are expected to spend 5-6 hours per week for the course. Based on the background, some student may require more time. Time spent may be longer when assignment/exams are due.

Other Recommended / Reading Materials: Additional reading materials are available on the course website as recommended by the instructor.

Grading Policy: The final course grade will be based on your performance on the quizzes, exams, assignments, and class participation using the following weights:

EVALUATION

GRADES	Points
HOMEWORK SETS (EXCEL and SAP)	310
RESEARCH PAPER	40
CHAPTER QUIZZES	200
MID TERM EXAM	100
FINAL EXAM	350
TOTAL	1000

Grades will be based on the following percentage ranges:

A = 900 - 1000

B = 800 - 899

C = 700 - 799

D = 600 - 699

Examinations and Quizzes: There will be mandatory mid-term exams and a mandatory final exam (as per university schedule). Questions will emphasize understanding and applications of concepts and topics covered in class. Additional details about the format for the exams will be provided in advance. You are expected to read the chapter and materials in advance, and complete a quiz based on the content of the video and chapter prior to class.

Assignments/ Research papers: There will be several assignments and projects during the course. Individual assignment statements and due dates will be posted through Blackboard. The research papers will provide an opportunity for an in-depth investigation of specific topics. Additional instructions and requirements for the research papers and projects will be provided as separate handouts at the course website.

Make up and Late Assignment policy:

Exams: As a general rule, make-ups or late submissions will **NOT** be offered or accepted for any missed assignments/exams/quizzes. If you miss an exam for a valid documented excuse, then the grade for the missed exam will be replaced with a grade equivalent to the percentage score in the final exam. If you miss the final exam, you must contact the instructor within 24 hours and provide valid proof of your special situation. Facilitating rescheduling for final exam is not guaranteed. Assignments: Late submissions will be assessed a grade reduction penalty. The grade reduction penalty will be specified in the instructions for the assignment. The grade reduction penalty for late assignments will be waived only if you have a valid **documented** extra-ordinary circumstance such as an excused official university activity, a severe illness, or a dire emergency.

Class conduct and civility code: Everyone in class is expected to follow all rules in the student handbook, as well as common courtesy during classroom lectures and discussions in class and online, including the following:

1. It is the students' responsibility to obtain and be able to use the required materials and software for this class.
2. Student must retain copies of all assignments and graded work for verification purposes. Keep copies of all computer files and e-mails.
3. If you will not be able to complete this course, dropping from this class is your responsibility.
4. For any questions about the exams and assignments, a student should contact the instructor, before the day they are due, so the instructor may have enough time to provide feedback.
5. All communications will be via e-mail communications to the Texas A&M University e-mail account, and students are expected to use their school provided email account. The instructor will reply to a student email messages and voice messages within 24 hours during week days.
6. All assignment submissions must be uploaded to Blackboard by the due date/time.

Anyone violating these policies may be subject to disciplinary actions.

Class attendance and Participation: A vital part of every student's education is regular attendance of class meetings. Any absences tend to lower the quality of a student's work, and frequent or persistent absences may

result in a failing grade. This is an asynchronous class, but it requires you to login to the course on a regular basis every week. You are responsible for any missed instruction or assignments.

The course is intensive and challenging and you are expected to master the materials presented in class. The structure of the class makes your individual study and preparation outside of class extremely important. Reading the assigned chapter(s) and having some familiarity with them will be very useful for understanding recorded lectures. Each student will be expected to spend enough time in the preparation of the assignments.

Spring 2026 CISA 3358-601 Class Schedule

The provisions and information set forth in the schedule below are intended to be informational and not contractual in nature. The instructor reserves the right to amend, alter, change, delete or modify the provisions of the schedule.

WEEK	FROM	TO	TOPICS	DUE (Sunday, 11.59pm on the week)
1	01/26/2026	02/01/2026	1. An Introduction to Information Systems.	
2	02/02/2026	02/08/2026	8. Enterprise Systems.	Homework Set Excel 1, CHAPTER 1 QUIZ
3	02/09/2026	02/15/2026	. 5. Database Systems and Big Data	Research paper CHAPTER 8 QUIZ
4	02/16/2026	02/22/2026	9. Business Intelligence.	Homework Set SAP, CHAPTER 5 QUIZ

5	02/23/2026	03/01/2026	4. Software and Mobile Applications.	CHAPTER 9 QUIZ
6	03/02/2026	03/08/2026	6. Networks and Cloud Computing	Homework Set Excel 4, CHAPTER 4 QUIZ
7	03/09/2026	03/15/2026	Spring Break - No Class	
8	03/16/2026	03/22/2026	13. Cybercrime and Information Systems Security	CHAPTER 6 QUIZ Midterm Exam
8	03/23/2026	03/29/2026	7. Electronic and Mobile Commerce.	Homework Set Excel 5, CHAPTER 13 QUIZ
10	03/30/2026	04/05/2026	12. Systems Acquisition and Development	CHAPTER 7 QUIZ
11	04/06/2026	04/12/2026	10. Knowledge Management	Homework Set Excel 6, CHAPTER 12 QUIZ
12	04/13/2026	04/19/2026	11. Strategic Planning and Project Management	CHAPTER 12 QUIZ

13	04/20/2026	04/26/2026	2. Information Systems in Organizations.	Homework Set Excel 7
14	04/27/2026	05/03/2026	Reading week	No Class
15	05/04/2026	05/10/2026	Final Exam	Final Exams must be held only as per Univ Schedule.

University Email Policy and Course Communications: All correspondence between professors and students must occur via tamusa email accounts. You must have your Jaguar email account ready and working. If it is not working, contact the help desk at 210-784-4357.

Academic Accommodations for Persons with Disabilities: The Americans with Disabilities Act Amendments Act (ADAAA) of 2008 and the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights protection for persons with disabilities. Title II of the ADAAA and Section 504 of the Rehabilitation Act require that students with disabilities be guaranteed equal access to the learning environment through the provision of reasonable and appropriate accommodation of their disability. If you have a diagnosed disability that may require accommodation, please contact Disability Support Services (DSS) for the coordination of services. The phone number for DSS is (210) 784-1335 and email is dsupport@tamusa.edu.

Academic Learning Center: The Academic Learning Center provides free course-based tutoring to all currently enrolled students at Texas A&M University-San Antonio. Students wishing to work with a tutor can make appointments through the Brainfuse online tutoring platform. Brainfuse can be accessed in the *Tools* section of Blackboard. You can contact the Academic Learning Center by emailing tutoring@tamusa.edu, calling (210) 7841307, or visiting the Central Academic Building, room 202.

Counseling/Mental Health Resources: As a college student, there may be times when personal stressors interfere with your academic performance and/or negatively impact your daily functioning. If you are experiencing emotional difficulties or mental health concerns, support is available to you through the Student Counseling Center (SCC). To schedule an appointment call 210-784-1331 or visit Modular C, Room 166 (Rear entrance).

All mental health services provided by the SCC are free and confidential (as the law allows). The Student Counseling Center provides brief individual and group therapy, crisis intervention, consultation, case management, and prevention services.

Crisis support is available 24/7 by calling the SCC at 210-784-1331 (after-hours select option '2'). For more information and self-help resources, please visit www.tamusa.edu/studentcounseling

Emergency Preparedness: JagE Alert is Texas A&M University-San Antonio's mass notification. In the event of an emergency, such as inclement weather, students, staff and faculty, who are registered, will have the option to receive a text message, email with instructions and updates. To register or update your information visit: <https://tamusa.bbcportal.com/>. CISA 3358-601, Spring 2026, Syllabus, Akila Jayawardhana

More information about Emergency Preparedness and the Emergency Response Guide can be found here:
<https://www.tamusa.edu/uploadfile/folders/sdbowen23/pdf/pdf-635073426137928167-10.100.20.116.pdf>

Financial Aid and Verification of Attendance: According to the following federal regulation, 34 CFR 668.21: U.S. Department of Education (DoE) Title IV regulation, a student can only receive Title IV funds based on Title IV eligibility criteria which include class attendance. If Title IV funds are disbursed to ineligible students (including students who fail to begin attendance), the institution must return these funds to the U.S. DoE within 30 days of becoming aware that the student will not or has not begun attendance. Faculty will provide the Office of Financial Aid with an electronic notification if a student has not attended the first week of class. Any student receiving federal financial aid who does not attend the first week of class will have their aid terminated and returned to the DoE. Please note that any student who stops attending at any time during the semester may also need to return a portion of their federal aid.

Meeting Basic Needs: Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live and believes this may affect their performance in the course, is urged to contact the Dean of Students (DOS@tamusa.edu) for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources they may possess.

Military Affairs: Veterans and active-duty military personnel are welcomed and encouraged to communicate, in advance if possible, and special circumstances (e.g., upcoming deployment, drill requirements, disability accommodations). You are also encouraged to visit the Patriots' Casa in-person room 202, or to contact the Office of Military Affairs with any questions at military@tamusa.edu or (210)784-1397.

Religious Observances: Texas A&M University-San Antonio recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance provided they notify their instructors before the end of the second week of classes for regular session classes.

Respect for Diversity: We understand that our students represent diverse backgrounds and perspectives. When we are equity-minded, we are aware of differences and inequalities and are willing to discuss them so we can act to resolve them. The University is committed to building cultural competencies, or the attitudes, skills, and knowledge that enable individuals and organizations to acknowledge cultural differences and incorporate these differences in working with people from diverse cultures. Respecting and accepting people different than you is vital to your success in the class, on campus, and as a future professional in the global community. While working together to build this community we ask all members to:

- Share their unique experiences, values, and beliefs.
- Be open to the views of others.
- Honor the uniqueness of their colleagues.
- Value each other's opinions and communicate respectfully.
- Keep confidential discussions that the community has of a personal (or professional) nature.
- Use this opportunity together to discuss ways in which we can create an inclusive environment in this course and across the A&M-San Antonio community.

The Six-Drop Rule: Students are subject to the requirements of Senate Bill (SB) 1231 passed by the Texas Legislature in 2007. SB 1231 limits students to a maximum of six (6) non-punitive course drops (i.e., courses a student chooses to drop) during their undergraduate careers. A non-punitive drop does not affect the student's GPA. However, course drops that exceed the maximum allowed by SB 1231 will be treated as "F" grades and will impact the student's GPA.

Statement of Harassment and Discrimination: Texas A&M University-San Antonio is committed to the fundamental principles of academic freedom, equality of opportunity and human dignity. To fulfill its multiple missions as an institution of higher learning, A&M-San Antonio encourages a climate that values and nurtures collegiality, diversity, pluralism and the uniqueness of the individual within our state, nation, and world. All decisions and actions involving students and employees should be based on applicable law and individual merit. Texas A&M University-San Antonio, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation, gender identity, or gender expression. Individuals who believe they have experienced harassment or discrimination prohibited by this statement are encouraged to contact the appropriate offices within their respective units.

Texas A&M University-San Antonio faculty are committed to providing a safe learning environment for all students and for the university as a whole. If you have experienced any form of sex- or gender-based discrimination or harassment, including sexual assault, sexual harassment, domestic or dating violence, or stalking, know that help and support are available. A&M-San Antonio's Title IX Coordinator can support those impacted by such conduct in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, and more. The university strongly encourages all students to report any such incidents to the Title IX Coordinator. Please be aware that all A&M-San Antonio employees (other than those designated as confidential resources such as counselors and trained victims advocates) are required to report information about such discrimination and harassment to the university. This means that if you tell a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the university's Title IX Coordinator (titleix@tamusa.edu, 2107842061, CAB 439K). If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact the Student Counseling Center at (210) 784-1331, Modular C.

Students' Rights and Responsibilities: The following statement of students' rights and responsibilities is intended to reflect the philosophical base upon which University Student Rules are built. This philosophy acknowledges the existence of both rights and responsibilities, which is inherent to an individual not only as a student at Texas A&M University-San Antonio but also as a citizen of this country.

Students' Rights

1. A student shall have the right to participate in a free exchange of ideas, and there shall be no University rule or administrative rule that in any way abridges the rights of freedom of speech, expression, petition and peaceful assembly as set forth in the U.S. Constitution.
2. Each student shall have the right to participate in all areas and activities of the University, free from any form of discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran status in accordance with applicable federal and state laws.
3. A student has the right to personal privacy except as otherwise provided by law, and this will be observed by students and University authorities alike.
4. Each student subject to disciplinary action arising from violations of university student rules shall be assured a fundamentally fair process.

Students' Responsibilities

1. A student has the responsibility to respect the rights and property of others, including other students, the faculty and administration.

2. A student has the responsibility to be fully acquainted with the published University Student Rules found in the Student Handbook, [Student Code of Conduct](#), on our website, University Catalog and to comply with them, as well as federal, state, and local laws.
3. A student has the responsibility to recognize that student actions reflect upon the individuals involved and upon the entire University community.
4. A student has the responsibility to recognize the University's obligation to provide an environment for learning.
5. A student has the responsibility to check their university email for any updates or official university notification.

We expect that students will behave in a manner that is dignified, respectful, and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

Students are expected to exhibit a high level of honesty and integrity in their pursuit of higher education. Students engaging in an act that violates the standards of academic integrity will find themselves facing academic and/or disciplinary sanctions. Academic misconduct is any act, or attempt, which gives an unfair advantage to the student. Additionally, any behavior specifically prohibited by a faculty member in the course syllabus or class discussion may be considered as academic misconduct. For more information on academic misconduct policies and procedures please review the [Student Code of Conduct](#).

AI policy: No Use of Generative AI Permitted

CISA3358-601 assumes that all work submitted by students will be generated by the students themselves, working individually or in groups. Students should not have another person/entity do the writing of any portion of an assignment for them, which includes hiring a person or a company to write assignments and/or using artificial intelligence (AI) tools like ChatGPT. Use of any AI-generated content in this course qualifies as academic dishonesty and violates Texas A&M-San Antonio's standards of academic integrity.

Violations of Academic Conduct (Section 14.5 Student Handbook)

As a member in an academic community, students at Texas A&M University-San Antonio are expected to exhibit a high level of honesty and integrity in their pursuit of higher education, be mature, be self-directed and be able to manage their own affairs. Students who are unwilling to abide by these basic expectations will find themselves facing academic and/or disciplinary sanctions. Students are expected to share in the responsibility and authority with faculty and staff to challenge and make known acts that violate the Texas A&M University-San Antonio Code of Conduct. For more information, please visit the Office of Student Rights &Responsibilities website <http://bit.ly/TAMUSAStudentRR>.

Students engaging in an act that violates the standards of academic integrity will find themselves facing academic and/or disciplinary sanctions. Academic misconduct is any act, or attempt, which gives an unfair advantage to the student. Additionally, any behavior specifically prohibited by a faculty member in the course syllabus or class discussion may be considered as academic misconduct. Academic misconduct includes, but is not limited to, cheating, plagiarism, prohibited use of artificial intelligence, multiple submissions, collusion, lying and bribery. For more information, refer to the Student Code of Conduct, Article III: Conduct Rules and Regulations. Texas A&M University-San Antonio faculty has the discretion to impose grade penalties as deemed necessary.

Faculty members are required to report such serious breaches of academic honesty to their chair, their dean and the Office of Student Rights and Responsibilities. In cases of academic misconduct, students may be subject not only to grade sanctions in courses but to disciplinary action. Grade sanctions may be imposed only by faculty

members, but suspension or expulsion may be imposed only by the Vice President for Student Affairs. If a student wishes to appeal the decision of suspension or expulsion due to violations of academic misconduct, they must initiate their CISA 3358-601, Spring appeal as outlined within the Student Code of Conduct. Extenuating circumstances may cause the University to deviate from the defined time frames.

All student term papers and other written assignments are subject to analysis by anti-plagiarism and anti-AI software. Posting of any class work given to student, or solutions, or discussion, on publicly accessible forums, social media, or artificial intelligence is not permissible.

Considering the potential consequences of academic misconduct, it is obviously in students' best interests to avoid even the appearance of such behavior. If a student is unclear whether a specific act might constitute academic misconduct, please she/he should contact the instructor for an assessment of the situation.

The complete academic calendar is available online:

<https://www.tamus.edu/academics/academic-calendar/current-year/spring-2026.html>