# TEXAS A&M UNIVERSITY
# SAN ANTONIO

CISA/CSEC 3309-601/600 **Scripting Languages**, CRN: 11195/12237 – Fall 2024
Department of Computational Engineering and Mathematical Sciences
College of Arts and Sciences
## Course Syllabus

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| **Class Modality:** | Online-Synchronous |
| **Class Meeting Time and Place:** | Thursdays 5:30 - 8:15 PM (On Zoom) |
| **Class Duration:** | August 26 – December 13, 2024 |
| **Instructor:** | Malwattage **Kumar** Peeris |
| | Office: 211U |
| | Tel: 210-784-2367 |
| | E-Mail: mpeeris@tamusa.edu |
| | Student emails will receive a reply within two business days. |
| **Course Website:** | https://tamusa.blackboard.com/ |
| | |
| **Office Hours:** | Tu - 4:30 pm - 5:25 pm (In Person/Zoom) |
| | Th - 4:30 pm - 5:25 pm - Zoom |

**Catalog Course Description:** This course introduces students to common scripting languages used in computing. It examines the overall design of scripting languages as well as the specific syntax of common scripting languages. Students will develop projects in each of the languages examined and will determine the best application environment for each of the languages examined.
Prerequisite: CSCI 1337, CSCI 1137.

**Course Objectives:** The objective of the course is to provide a basic understanding of the design and application of scripting languages as well as developing basic skills needed to implement and understand scripts.

*Prerequisite:* CSCI 1337, CSCI 1137. Completion of a programming language course and familiarity with Windows and Unix/Linux command lines. Students who do not meet the pre-requisites must contact the instructor immediately.

**Student Learning Outcomes:** After successful completion of this course, students will be able to:
1. Explain the basic concepts of scripting languages and how they differ from compiled or interpreted languages,
2. Analyze prepared scripts to determine what they do
3. Develop working scripts in both Windows and Unix/Linux environments
4. Explain the design principles of scripting languages.

**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 and retention of the above course outcomes.

**Required Materials:**
- **Textbook:** No Textbook Required. Class Notes, Online material/tutorials will be used for this course.
- **Blackboard:** Connect to http://tamusa.blackboard.com. You will have lecture notes, solutions to problems, multimedia materials and other supplementary materials in Blackboard. All class communications will be through Blackboard and students should monitor this several times a day.
- **Software:** You will need to have access to both Windows and Linux environments to complete all the projects for this course. The easiest way is to create/install a Linux emulator **(Such as Cygwin)** on your Windows system or configure your windows 10 machine to have Windows 10's Bash Shell.
- **Computer Hardware: In order to participate in the tutoring sessions you will need a computer with an internet connection.**
- **Time Expectation for coursework:** You are expected to spend 4-8 hours per week for the course. Based on the background, some student may require more time. Time spent may be longer when assignment/tests are due.

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

*Course Requirements every student must fulfill in order to succeed in course:*
1. Students should check the Course Calendar, Announcements, and Messages (e-mail) systems in Blackboard on a regular basis.
2. Students should keep current with all course assignments, tests and in-class tests.
3. If the course uses remote proctoring for tests, students must schedule their exam early in the semester.
4. Students should ask questions and communicate with the instructor either in class, online, off-line or during office hours.
5. For all classwork, programming assignments, tests, quizzes etc., if a student is completing it off-campus, then they are responsible for availability of internet connectivity. Extensions will not be granted for lack of availability of internet connections.
6. Students should remember that hybrid and Hyflex courses assume greater responsibility and independent learning skills by the student for their own learning outcomes.
7. For Hyflex courses, students should keep current on class recordings, if not attending the live class (either in person or online).
8. For Hyflex courses, students are not required to come to class, even for proctored examinations.
   a. The instructor can require students to physically sit for an examination in a proctored environment at the facilities of university testing services – setup of exam is responsibility of the student.
   b. The instructor can require students to take examinations using proctoring software as indicated in the Proctored Tests section.
   c. The instructor decides which type of examination works best for the class and the student must comply with their instructions – as long as they are not required to take an in-class examination, or are required to take the examination at one specific time that applies to all students. In other words, the instructor will offer the student some flexibility on test location and the time to sit for the examination. Instructors should allow 72 hours for students to complete any examination.

**Grading Policy:** The final grade will be based on your performance on the assignments, tests and class participation. Following weights will be used to determine your semester score.

| | | |
|---|---|---|
| Tests | 46% | [15 Tests – 5 from each language) |
| Programming Assignments | 46% | [15 Scripting Assignments] |
| Participation | 08% | [Attendance & In class Assignments] |
| **Total** | **100%** | |

The final letter grades will be assigned as follows: >= 90% $\Rightarrow$ A; 80 – 89.99% $\Rightarrow$ B; 70 – 79.99% $\Rightarrow$ C; 60 – 69.99% $\Rightarrow$ D; Below 60% $\Rightarrow$ F. This course has a requirement of a grade of C as a minimal grade for satisfactory completion of this course.

**Tests:** There will be 15 mandatory tests throughout the semester – 5 tests from each scripting language. Being absent for these tests will result in a grade of zero for those tests and may result in a fail grade in the course. These tests will consist of conceptual multiple-choice questions, True/False questions and problem solving script writing. These test questions will come from lecture notes, examples, and class discussions. Questions will emphasize understanding and applications of concepts and topics covered in class.

**In Class Work/Quizzes:** There will be **work/quizzes to be completed in class (on lecture days) and submitted to Blackboard. This work will be available on blackboard ONLY during instructor selected class days/time and during the class hours. The points accumulated from these work/quizzes will be part of your semester grade (8%).** Students not present at the time work/quiz is given will be marked absent and get a grade of zero.

**Proctored Tests:** Examinations in this class may/will be administered using secure online testing services. Details regarding proctored test (if any) sign up and administration will be provided at least 2 weeks prior to the exam.

**Programming Assignments:** Much of this course will be hands-on and will require the completion of scripting language assignments. **There will be an assignment each week of class (Total of 15)**

**Make up and Late Assignment/Tests/quiz policy:**
As a general rule, late assignments penalty will 5% per day (including Weekends and holidays) (2) No make-ups will be offered or accepted for any missed Tests/quizzes. Late make-ups for quizzes/tests may be accepted/administered only in extra-ordinary circumstances such as an excused official university activity, a severe illness, or a dire emergency. However, you must provide comprehensive documentation either before or within a few days of the missed assignment/test.

**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. Attendance may be taken at the beginning or the end of the class.
2. It is the students' responsibility to obtain and be able to use the required materials and software for this class.

3. Student must retain copies of all assignments and graded work for verification purposes and provide it to the instructor, if necessary. Keep own copies of all computer files and e-mails till final grade is received.
4. Talking while the instructor is lecturing is extremely disruptive and discourteous to the instructor and other students.
5. Using computers or phones (except for a valid urgent need) during class for a purpose not related to class is disruptive. All cell phones and gadgets should be turned OFF and headphones removed.
6. For any questions about the tests and assignments, a student should contact the instructor, well in advance of the day they are due, so the instructor may have enough time to provide feedback.
7. 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 e-mail messages and voice messages within 2 business days (Monday-Friday).
8. All assignment submissions must be uploaded to Blackboard by the due date and time. Submission window may close or marked late, even if late by one second.

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. Students are responsible for the materials covered in class. The course covers a lot of material and most students find at least some parts of it difficult. Class participation is highly encouraged as it makes the class more interesting and enhances the learning experience. Students are strongly encouraged to ask questions, participate in class discussions and problem solving, and visit/contact the instructor during office hours in case of questions or concerns. Good attendance and participation will be rewarded when final grades are assigned.

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, and may vary considerably based on student background. However, a **minimum** of two hours of work outside the class is expected for every one hour of class period per week. Reading the assigned chapter(s) and having some familiarity with them before class will be very useful for understanding lectures.

**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.

**Fall 2024 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.

# CISA 3309 601/600 Scripting Languages, CRN: 11195/22237 – Fall 2024 - 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 | Day | Description | Reference |
|------|-----|-------------|-----------|
| 01 | 08/29/2024 | **Instructor Introduction, Student Information Plan/Syllabus Presentation**<br><br>**1.0 Introduction to Unix/Linux Shell**<br><br>**2.0 Introduction to bash commands**<br><br>**3.0 Writing bash Scripts – 1**<br><br>**4.0 Directories**<br><br>**PROGRAMMING ASSIGNMENT #1 (BASH #1) ASSIGNED**<br><br>**TEST #1 (BASH Test #1 OPEN)** | **Class Notes (BfUnL)**<br><br>**Web References** |
| 02 | 09/05/2024 | **5.0 Manipulating Files**<br><br>**6.0 bash variables**<br><br>**7.0 bash Shell Arithmetic**<br><br>**PROGRAMMING ASSIGNMENT #1 (BASH #1) DUE FRI SEP 06 11:59 PM.**<br><br>**TEST #1 (BASH TEST #1) DUE FRI SEP 06 11:59 PM**<br><br>**PROGRAMMING ASSIGNMENT #2 (BASH #2) ASSIGNED**<br><br>**TEST #2 (BASH Test #2 OPEN)** | **Class Notes (BfUnL)**<br><br>**Web References** |
| 03 | 09/12/2024 | **8.0 bash Reserved words, conditional expressions and conditional operators**<br><br>**9.0 Structures and Language Constructs**<br><br>**PROGRAMMING ASSIGNMENT #2 (BASH #2) DUE FRI SEP 13 11:59 PM,**<br><br>**TEST #2 (BASH TEST #2) DUE FRI SEP 13 11:59 PM**<br><br>**PROGRAMMING ASSIGNMENT #3 (BASH #3) ASSIGNED**<br><br>**TEST #3 (BASH Test #3 OPEN)** | **Class Notes (BfUnL)**<br><br>**Web References** |
| 04 | 09/19/2024 | **9.0 Structures and Language Constructs**<br><br>**10. Bash Printing**<br><br>**PROGRAMMING ASSIGNMENT #3 (BASH #3) DUE FRI SEP 20 11:59 PM.**<br><br>**TEST #3 (BASH TEST #3) DUE FRI SEP 20 11:59 PM**<br><br>**PROGRAMMING ASSIGNMENT #4 (BASH #4) ASSIGNED**<br><br>**TEST #4 (BASH Test #4 OPEN)** | **Class Notes (BfUnL)**<br><br>**Web References** |
| 05 | 09/26/2024 | **11.0 bash Arrays**<br><br>**Discuss Anything else remaining in Bash**<br><br>**PROGRAMMING ASSIGNMENT #4 (BASH #4) DUE FRI SEP 27 11:59 PM.**<br><br>**TEST #4 (BASH TEST #4) DUE FRI SEP 27 11:59 PM**<br><br>**PROGRAMMING ASSIGNMENT #5 (BASH #5) ASSIGNED**<br><br>**TEST #5 (BASH Test #5 OPEN)** | **Class Notes (BfUnL)**<br><br>**Web References** |
| 06 | 10/03/2024 | **Introduction to Windows PowerShell**<br><br>**1.0 PowerShell Comments, Variables and Operators**<br><br>**2.0 PowerShell Data Types**<br><br>**3.0 PowerShell Scripts - 1**<br><br>**4.0 Escape Characters, Delimiters and Quotes**<br><br>**PROGRAMMING ASSIGNMENT #5 (BASH #5) DUE FRI OCT 04 11:59 PM.**<br><br>**TEST #5 (BASH TEST #5) DUE FRI OCT 04 11:59 PM** | **Class Notes (PSFW)**<br><br>**Web References** |

| | | PROGRAMMING ASSIGNMENT #6 (PowerShell #1) ASSIGNED | |
|---|---|---|---|
| | | TEST #6 (PowerShell Test #6 OPEN) | |
| 07 | 10/10/2024 | 6.0 Working with Objects | Class Notes ( PSFW ) |
| | | 7.0 Comparison Operators | Web References |
| | | 8.0 PowerShell System Variables | |
| | | 10.0 Redirection | |
| | | 11.0 Reading Input (Prompting a User to Enter Information | |
| | | 12.0 PowerShell String object | |
| | | PROGRAMMING ASSIGNMENT #6 (PowerShell #1) DUE FRI OCT 11 11:59 PM. TEST #6 (PowerShell Test #1) DUE FRI OCT 11 11:59 PM | |
| | | PROGRAMMING ASSIGNMENT #7 (PowerShell #2) ASSIGNED | |
| | | TEST #7 (PowerShell Test #7 OPEN) | |
| 08 | 10/17/2024 | 13.0 PowerShell Constructs | Class Notes ( PSFW ) |
| | | 14.0 PowerShell Arrays | Web References |
| | | PROGRAMMING ASSIGNMENT #7 (PowerShell #2) DUE FRI OCT 18 11:59 PM. TEST #7 (PowerShell Test #7) DUE FRI OCT 18 11:59 PM | |
| | | PROGRAMMING ASSIGNMENT #8 (PowerShell #3) ASSIGNED | |
| | | TEST #8 (PowerShell Test #3 OPEN) | |
| 09 | 10/24/2024 | 13.0 PowerShell Constructs | Class Notes ( PSFW ) |
| | | 14.0 PowerShell Arrays | Web References |
| | | PROGRAMMING ASSIGNMENT #9 (PowerShell #4) DUE FRI OCT 25 11:59 PM. TEST #8 (PowerShell Test #3) DUE FRI OCT 25 11:59 PM | |
| | | PROGRAMMING ASSIGNMENT #10 (PowerShell #5) ASSIGNED | |
| | | TEST #10 (PowerShell Test #5 OPEN) | |
| 10 | 10/31/2024 | 21.0 Loops | Class Notes ( PSFW ) |
| | | 22.0 Shell scripts | Web References |
| | | 23.0 Permissions | |
| | | PROGRAMMING ASSIGNMENT #10 (PowerShell #5) DUE FRI NOV 01 11:59 PM. TEST #10 (PowerShell Test #5) DUE FRI NOV 01 11:59 PM | |
| | | PROGRAMMING ASSIGNMENT #11 (Python #1) ASSIGNED | |
| | | TEST #11 (Python Test #1 OPEN) | |
| 11 | 11/07/2024 | Introduction - The basics of python programming. | Class Notes( PyPr ) |
| | | Variables - Using variables in scripts. | Web References |
| | | If/Else - If/Else control structures. | |
| | | Option Parser - Using options in scripts. | |
| | | PROGRAMMING ASSIGNMENT #11 (Python #1) DUE FRI NOV 08 11:59 PM. TEST #11 (Python Test #1) DUE FRI NOV 08 11:59 PM | |
| | | PROGRAMMING ASSIGNMENT #12 (Python #2) ASSIGNED | |
| | | TEST #12 (Python Test #2 OPEN) | |
| 12 | 11/14/2024 | Looping - Looping in a script. | Class Notes( PyPr ) |

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| | | **PROGRAMMING ASSIGNMENT #12 (Python #2) DUE FRI NOV 15 11:59 PM.** | Web References |
| | | **TEST #12 (Python Test #2) DUE FRI NOV 15 11:59 PM** | |
| | | **PROGRAMMING ASSIGNMENT #13 (Python #3) ASSIGNED** | |
| | | **TEST #13 (Python Test #3 OPEN)** | |
| 13 | 11/21/2024 | **Arrays and Lists** | **Class Notes(PyPr)** |
| | | **Using lists and maps (dictionaries) and Formatting** | **Web References** |
| | | **PROGRAMMING ASSIGNMENT #13 (Python #3) DUE FRI NOV 22 11:59 PM.** | |
| | | **TEST #13 (Python Test #3) DUE  FRI NOV 22 11:59 PM.** | |
| | | **PROGRAMMING ASSIGNMENT #14 (Python #4) ASSIGNED** | |
| | | **TEST #14 (Python Test #4 OPEN)** | |
| 14 | 11/28/2024 | **THANKSGIVING HOLIDAY – NO CLASS** | |
| | | **PROGRAMMING ASSIGNMENT #14 (Python #4) DUE SAT NOV 30 11:59 PM.** | |
| | | **TEST #14 (Python Test #4) DUE SUN NOV 30 11:59 PM** | |
| | | **PROGRAMMING ASSIGNMENT #15 (Python #5) ASSIGNED SAT NOV 30** | |
| | | **TEST #15 (Python Test #5 OPEN) OPEN SAT NOV 30** | |
| 15 | 12/05/2024 | **PROGRAMMING ASSIGNMENT #15 (Python #5) DUE SUN DEC 08 11:59 PM.** | **Class Notes(PyPr)** |
| | | **TEST #15 (Python Test #5) DUE SUN DEC 08 11:59 PM.** | **Web References** |

## COVID-19 protocol

If you have COVID-19 symptoms, had exposure to COVID-19, and/or are confirmed to have COVID-19, refrain from coming to campus and self-report in the online COVID-19 Reporting Portal found at: https://redcap.link/TAMUS_COVID_PORTAL for further guidance.

## 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.

## Counseling 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 or someone you know is experiencing life stressors, emotional difficulties, or mental health concerns at Texas A&M University – San Antonio, please contact the Student Counseling Center (SCC) located in Modular C, Room 166 (Rear entrance) or call 210-784-1331 between the hours of 8:00AM and 5:00PM, Monday – Friday. All mental health services provided by the SCC are free, confidential (as the law allows), and are not part of a student's academic or university record. SCC provides brief individual and group therapy, crisis

intervention, consultation, case management, and prevention services. For more information, please visit www.tamusa.edu/studentcounseling

In a crisis situation, please walk-in to the Student Counseling Center (SCC) any time between the hours of 8:00AM and 5:00PM, Monday – Friday, to be seen by a clinician. For after-hours support, please call 210-784-1331. Please contact UPD at 911 if harm to self or harm to others is imminent.

## Jaguar Writing Center

The Jaguar Writing Center provides writing support to graduate and undergraduate students in all three colleges. Writing tutors work with students to develop reading skills, prepare oral presentations, and plan, draft, and revise their written assignments. Students can schedule appointments with the Writing Center in JagWire under the student services tab. More information about what services we offer, how to make an appointment, and how to access your appointment can be found on our website at https://www.tamusa.edu/college-of-arts-and-sciences/language-literature-arts/english/writing-center/index.html. The Writing Center can also be reached by emailing writingcenter@tamusa.edu.

## Academic Learning Center

All currently enrolled students at Texas A&M University-San Antonio can utilize the Academic Learning Center for subject-area tutoring. The Academic Learning Center is an appointment based center where appointments are made through the Navigate platform. Students access Navigate through Jagwire in the Student Services tab. The Center is active on campus outreaching to students to highlight services offered. You can contact the Academic Learning Center by emailing tutoring@tamusa.edu or calling (210)-784-1332. Appointments can also be made through JagWire under the services tab.

## University Email Policy and Course Communications

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

## 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. In addition, you may notify the instructor if you are comfortable doing so.

## Military Affairs

Veterans and active-duty military personnel are welcomed and encouraged to communicate, in advance if possible, about 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 A&M System 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 classroom, 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.
• 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.

**Drop Policy**
You may drop the course with an automatic grade of W on or before the date listed in the academic calendar at www.tamusa.edu. The last date to drop a course, or withdraw from the University is also indicated in the academic calendar on the university website (www.tamusa.edu). If you wish to drop the class, you must submit the necessary paperwork to the proper authority. Students dropping a course are subject to all conditions listed in the university catalog.

**Academic Accommodations for Persons with Disabilities**
The Americans with Disabilities Act of 1990, as amended, and the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights protection for individuals with disabilities. Title II of the ADA 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 accommodations of their disability. If you have a disability that may require an accommodation, please contact Disability Support Services (DSS) for the coordination of services. The phone number for DSS is (210) 784-1335 and email is dss@tamusa.edu.

**Emergency Preparedness**
JagE Alert is Texas A&M University-San Antonio's mass notification system. In the event of an emergency, such as inclement weather, students, staff, and faculty who are registered in JagE Alert, will

have the option to receive a text message, email, and/or phone call with instructions and updates. To register or update your information visit: https://tamusa.bbcportal.com/.
More information about Emergency Preparedness and the Emergency Response Guide can be found here: https://www.tamusa.edu/upd/index.html.


## 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 helping create 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 has staff members trained to support survivors 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 university. Please be aware that all A&M-San Antonio employees (other than those designated as confidential resources such as counselors and other healthcare providers) are required to report information about such discrimination and harassment to the university. This means that if you tell a faculty member about an incident of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the university's Title IX Coordinator. 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 purpose of the following statement is to enumerate the essential provisions of students' freedoms and responsibilities to learn at Texas A&M University-San Antonio. All students are required to follow all policies and regulations as set forth by The Texas A&M University System, including the A&M-San Antonio Student Code of Conduct.
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 procedure 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, gender identity, gender expression, genetic information, 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
5. A student has the responsibility to respect the rights and property of others, including other students, the faculty and staff, and the administration.
6. A student has the responsibility to be fully acquainted and compliant with the University Student Rules found in the Student Handbook, Student Code of Conduct, on our website, and in the University Catalog.
7. A student has the responsibility to recognize that student actions reflect upon the individuals involved and upon the entire University community.

**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 https://www.tamusa.edu/student-rights-and-responsibilities/index.html.

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, 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 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 software. Posting of any class work given to student, or solutions, or discussion, on publicly accessible forums or on social media 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.

**No Use of Generative AI Permitted**

CISA 3309:001, Scripting Languages assumes that all work submitted by students will be generated by the students themselves, working individually. Students should not have another person/entity do the writing of any portion of a scripting language assignment for them, which includes hiring a person or a company to write scripting 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.

## Key Dates For Fall 2024 Semester

The complete academic calendar is available online:
https://www.tamusa.edu/about-us/provost/documents/ay2024-calendar-01112024.pdf

### Spring 2024 Regular 16-Week Session

| | | |
|---|---|---|
| September 7 | Thursday | First day for students to apply for graduation this term |
| October 23 | Monday | Registration opens |
| December 23-January 1 | Saturday-Monday | Winter Break |
| January 9 | Tuesday | Tuition & fee payment deadline |
| January 11 | Thursday | Drop for non-payment |
| January 12 | Friday | Last day for students withdrawing to receive 100% refund (0% responsibility) for tuition |
| January 15 | Monday | Martin Luther King, Jr. Day |
| January 16 | Tuesday | First class day |
| January 23 | Tuesday | Last day to register |
| January 24 | Wednesday | Deadline for this term's graduation applicants to complete Change of Name and/or Change of Major form(s) at the Welcome Center |
| January 24 | Wednesday | Last day for students to apply for graduation this term |
| January 31 | Wednesday | Census Date |
| February 1 | Thursday | Drop for non-payment |
| February 1 | Thursday | First installment due for Deferred Payment Plan (4 and 5 payment plans) |
| February 14 | Wednesday | Graduation Application Fee payment deadline |
| February 26-March 8 | Monday-Friday | Midterm grading period |
| March 1 | Friday | Second installment due for Deferred Payment Plan (4 and 5 payment plans) |
| March 11-March 17 | Monday-Sunday | Spring Break |
| March 29 | Friday | Study day - No classes |
| April 1 | Monday | Third installment due for Deferred Payment Plan (4 and 5 payment plans) |
| April 13 | Saturday | Last day to drop with an automatic grade of "W" |
| April 20 | Saturday | Last day to withdraw from the university |
| April 29 | Monday | Last day of scheduled classes for weekday classes |
| April 30 | Tuesday | Study day - No classes |
| May 1-May 7 | Wednesday-Tuesday | Final examinations |
| May 1 | Wednesday | Fourth installment due for Deferred Payment Plan (5 payment plan only) |
| May 7 | Tuesday | End of term |
| May 13 | Monday | All grades due by noon |
| May 16 | Thursday | Grades available in JagWire |