TEXAS A&M UNIVERSITY
SAN ANTONIO

ENTC 1301-001, **Principles of Engineering Technology**

Spring 2026, CRN: 24685
College of Science and Arts
Department of Computational, Engineering & Mathematical Sciences
Electronics Systems Engineering Technology (ESET)

Course Syllabus

Class Modality:	Face-to-Face Instructional Method
Class Meeting Time and Place:	T – 2:00 PM to 4:45 PM and Science & Technology 141
Class Duration:	01/20/2026 - 05/12/2026
Instructor:	Dr. Yuvaraj Munian, Office: STEM 211W Work Tel: 210-784-2367 E-Mail: yuvaraj.munian@tamusa.edu / ymunian@tamusa.edu Student emails will receive a reply within two business days.
Course Website:	https://tamusa.blackboard.com/
Office Hours: TR	Monday - 9:00 AM - 11:00 AM - Face to Face / Zoom, Tuesday - 9:00 AM - 11:00 AM - Face to Face / Zoom, Thursday - 9:00 AM - 11:00 AM - Face to Face / Zoom, and by prior appointment through email.

Course Description: This course explores engineering technology as a profession, and its place in society. Role of engineers, engineering technologists, and engineering technicians. Engineering technology as a career. Major tools and techniques utilized by engineering technologists. Professional ethics, professionalism, and social responsibility. Engineering ethics. Optimization. Technical communication. Introduction to engineering design; other topics include computer applications and programming, visualization; introduction to Excel, statistics, and MATLAB programming skills.

Restrictions: TSI Reading/Writing/Mathematics.

NOTE: This is an F2F course. A weekly mandatory F2F meeting will occur at above mentioned time(s): What to expect? Come prepared to partake in an assignment, discuss, and interact at any given time. The instructor will engage the lecture materials with interactive questions and engineering projects. Through participating in several exciting engineering projects, students could learn the course knowledge much better. Critical problems and concepts related to that Week's material will be discussed, and no new topic will be taught! Attendance is mandatory.

Course Objectives: The objective of this course is to introduce students to engineering technology as a profession and its role in society, while developing an understanding of the responsibilities and career pathways of engineering technologists. The course emphasizes professional ethics, social responsibility, technical communication, optimization concepts, and the engineering design process. Students will gain practical exposure to the tools, techniques, and problem-solving methods used in engineering technology and will develop the professional skills necessary to function effectively in multidisciplinary and socially responsible engineering environments.

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

1. Explain the role of engineering technology in society and distinguish among engineers, engineering technologists, and engineering technicians.
2. Demonstrate professional and ethical responsibility by applying recognized engineering ethics codes to real-world scenarios.
3. Apply fundamental problem-solving and optimization techniques to engineering technology problems under realistic constraints.
4. Use appropriate engineering tools and techniques, including technical documentation and basic design tools, to analyze and solve practical problems.
5. Communicate technical information effectively through written reports, oral presentations, and graphical representations.
6. Apply the engineering design process to develop, evaluate, and document solutions to open-ended engineering technology problems.
7. Recognize the social, environmental, and economic impacts of engineering technology decisions and demonstrate awareness of sustainability and public welfare considerations.

Course Contents: (*Subject to change based on relevance and time)

- Introduction to the Engineering Profession.
- Preparing for an Engineering Career.
- Introduction to Engineering Design.
- Engineering communications + Ethics.
- Fundamental Dimensions and Units
- Estimation and Solving Problems
- Electronic Spreadsheets + Graphical Solutions
- Programming: Matlab Basics.

Required Materials:
Textbook:

[1] Saeed Moaveni, **"Engineering Fundamentals: An Introduction to Engineering"**, Cengage Learning; 7th edition, ISBN-13 978-0357684412
[2] eBook + Assignment Platform: E. E. Stephan, D. R. Bowman, W. J. Park, B. L. Sill, and M. W. Ohland, **Thinking Like an Engineer: An Active Learning Approach**, 5th edition. Available at Pearson, it can be accessed from B.B. (Getting Started tab).

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.

Time Expectation for coursework: You are expected to spend 3-6 hours per week for the course. Based on the background, some students may require more time. Time spent may be longer when assignment/exams are due.

COVID-19: Due to the current pandemic environment, all university personnel (faculty, students and staff, etc) are required to adhere to mandated procedures and guidelines as communicated through university communications.

Required Materials:

- **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 be required to use online MATLAB, and open-source Python software's. This is the recommended software for this course, however, there are other tools available online.
- **Computer Hardware:** In order to participate in online sessions, you will need a computer with an internet connection, a microphone, and speakers/headphones. To complete the class work, you will need appropriate software installed on the computer.
- **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/exams 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, quizzes, and examinations.
3. If the course uses remote proctoring for exams, 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, exams, 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 online and hybrid courses assume greater responsibility and independent learning skills by the student for their own learning outcomes.
7. For online courses, students should keep current on class recordings, if not attending the live class (either in person or online).
8. For online asynchronous courses, there will be no online class sessions. All materials will be made available through Blackboard or through online links.

9. For online synchronous courses, there will be online class sessions as indicated. Students are expected to attend the online session at the given time. If a student is unable to attend a session, instructor will make the recording of the session available for the student to view. All materials will be made available through Blackboard or through online links.

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

Assignments (Simulation + Problems)	35%
Exam I (10%) & Exam II (15%)	25%
Final Exam	20%
Research Topic Presentation	10%
In-Class Quiz /Attendance	10%
Total	100%

The final letter grades will be assigned as follows: Above 90% ⇒ A; 80 – 89% ⇒ B; 70 – 79% ⇒ C; 60 – 69% ⇒ D; Below 60% ⇒ F.
This course has a requirement of a grade of C as a minimal grade for satisfactory completion of this course.

Examinations and Quizzes: There will one mandatory final exam (as per university schedule). Being absent / non-submission of an exam will result in a grade of zero for that exam and may result in a fail grade in the course. The exams/quizzes will consist of conceptual multiple-choice questions, problem solving questions, and short essay questions. The exam/quiz materials will come from lecture notes, the text, and class discussions. Questions will emphasize understanding and applications of concepts and topics covered in class.

Proctored Exams: Examinations in this class may/will be administered using secure online testing services or in person class test. Details regarding proctored test sign up and administration will be provided at least 2 weeks prior to the exam.

Assignments/ Research papers: There will be several assignments and projects (individual/team of two) during the course. Individual assignment statements and due dates will be posted through Blackboard. For all assignments and quiz problems, ALL intermediate work of the problem solution steps MUST be shown. Considerable points will be taken off for not following these requirements. As a general rule, name the assignment/lab submissions as: *assignmentName_firstname_lastname*.

Make up and Late Assignment/exam/quiz policy: As a general rule, make-ups or late submissions will **NOT** be offered or accepted for any missed exams. Late submissions or make-ups for exams may be accepted/administered only in extraordinary 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 exam.
All assignments, labs, and projects have a clearly indicated due date and will receive full credit only if they are turned in by the due date. **All assignments are due at 11:59 pm on their due date.** In case of late assignment being approved by the instructor, the late penalty for assignments, labs, and projects applies as follows.

All assignments, labs, and projects that are late up to 1 day lose 10% of the maximum grade, 1 to 2 days 20% of the maximum, and 2 days to 1 week lose 30% of the maximum. Assignments, labs, and projects more than 1 week late will not be accepted.

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 by an appropriate method by the instructor.
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.
6. For any questions about the exams 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 as instructed 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 (for face-to-face/hybrid classes/online synchronous classes) or regular review of class materials posted by the instructor for asynchronous classes. 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.

Spring 2026 ENTC 1301-001 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	*Dates*	*Chapter and Topic*	*Details*
1	Jan 20 – Jan 23	Syllabus, Environment Setup, Introduction to the Engineer and the Profession - Engineering as a profession, role in society, major disciplines, Overview of accreditation	
2	Jan 26 – Jan 30	Preparing for an Engineering Career - Successful study habits, Time management and career planning	
3	Feb 02 – Feb 06	Introduction to Engineering Design - Design process and problem definition - Evaluating alternatives and decision making	
4	Feb 09 – Feb 13	Engineering Communication Skills - Technical writing, oral presentation, and graphical communication	
5	Feb 16 – Feb 20	Professionalism and Engineering Ethics - Code of ethics and ethical decision making	
6	Feb 23 – Feb 27	Fundamental Dimensions, Units, and Conversions - SI and English systems, dimensional analysis - Engineering problem strategies	**Exam 1**
7	Mar 02 – Mar 06	Physical Quantities: Length, Time, Mass, Force - Measurement and engineering variables	
8	Mar 09 – Mar 13	Spring Break – No classes	
9	Mar 16 – Mar 20	Temperature, Electric Current, Energy, Power - Introduction to energy and power in systems and thermal concepts	
10	Mar 23 – Mar 27	Computational Engineering tools (Spreadsheets, MATLAB, Python)	
11	Mar 30 – Apr 03	Computational Engineering tools (Spreadsheets, MATLAB, Python)	
12	Apr 06 – Apr 10	Engineering Drawings and Symbols	**Exam 2**
13	Apr 13 – Apr 17	Engineering Materials and Selection - Material properties (mechanical, thermal, electrical)	
14	Apr 20 – Apr 24	Mathematics in Engineering - Mathematical models, algebra, calculus basics - Linear and non-linear systems	
15	Apr 27 – May 1	Probability, Statistics, and Data Analysis - Descriptive statistics and distributions - Engineering applications of probability	**May 04 Last Day of classes**
16	May 05	**Study Day** – NO Classes.	**Nothing due**
17	May 06 – May 12	**Final Exams** – As per University Schedule	**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 university email accounts. You must have your Jaguar email account ready and working. If it is not working, contact the help desk at helpdesk@tamusa.edu or at 210-784-HELP (4357). If you don't hear back within 48 hours,

contact them again. They have many requests during the first part of the semester, so you may need to follow up with them.

Academic Accommodations for Individuals with Disabilities: Texas A&M University-San Antonio is committed to providing all students with reasonable access to learning opportunities and accommodations in accordance with The Americans with Disabilities Act, as amended, and Section 504 of the Rehabilitation Act. If you experience barriers to your education due to a disability or think you may have a disability, Disability Support Services is located in the Central Academic Building, Suite 210. You can also contact us via phone at (210) 784-1335, visit us at the website or email us at **dss@tamusa.edu**. Disabilities may include, but are not limited to, attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their academic accommodations with Disability Support Services and their instructors as soon as possible.

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 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) 784-1307, or visiting the Central Academic Building, room 202. Online tutoring is also available for after hours and weekend assistance.
While tutoring hours may change based on tutor schedules and availability, the current tutoring hours for MATH in the ALC are as follows:

	Appointments available	**Walk in Tutoring – No appointment needed**
MONDAY	8 am – 6 pm	9 am – 5 pm
TUESDAY	8 am – 6 pm	9 am – 5 pm
WEDNESDAY	8 am – 6 pm	9 am – 5 pm
THURSDAY	8 am – 6 pm	9 am – 5 pm
FRIDAY	8 am – 5 pm	11 am – 4 pm

Counseling/Mental Health Resources: As a college student, there may be times when personal stressors interfere with your academic performance and 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, visit our website, call 210-784-1331 or visit Madla 120 between the hours of 8:00 AM and 5:00 PM.

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 24/7/365 by calling the SCC at 210-784-1331 or through the TELUS student support App.*

The TELUS Student Support App provides a variety of mental health resources to including 24/7/365 support for in the moment distress, crisis support, an anonymous peer-to-peer support network, mental health screenings, podcasts, and articles to improve your mental wellbeing.

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, 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/. More information about Emergency Operations Plan and the Emergency Action Plan can be found here. Download the SafeZone App (https://safezoneapp.com/) for emergencies or call (210) 784-1911. Non-Emergency (210) 784-1900.

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 by the published Census Date (the first week of class). Any student receiving federal financial aid who does not attend prior to the published Census Date (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.

Jaguar Writing, Language, and Digital Composing Center (WLDCC): The Jaguar Writing Center provides writing support to graduate and undergraduate students in all three colleges as well as faculty and staff. Writing tutors work with students to develop reading skills, prepare oral presentations, and plan, draft, and revise their written assignments. Our language tutors support students enrolled in Spanish courses and students composing in Spanish for any assignment. Our digital studio tutors support students working on digital projects such as eportfolios, class presentations, or other digital multimedia projects. The Writing Center offers face-to-face, synchronous online, and asynchronous digital appointments. Students can schedule appointments with the Writing Center in JagWire under the Student Services tab. Click on "Writing, Language, and Digital Composing Center" to make your appointment. Students wanting to work in realtime with a tutor can schedule an "Online Appointment." Students wishing to receive asynchronous,

written feedback from a tutor can schedule an "eTutoring" appointment. More information about what services we offer, how to make an appointment, and how to access your appointment can be found on our website . The Writing Center can also be reached by emailing writingcenter@tamusa.edu.

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 submit a CARE report for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to direct you to available resources. A food pantry is available on campus; click here for hours and contact information.

Military Affairs: Veterans and active-duty military personnel are welcomed and encouraged to visit the Office of Military Affairs for any question involving federal or state VA Education Benefits. Visit the Patriots' Casa building, room 202, or to contact the Office of Military Affairs with any questions at military.va@tamusa.edu or (210)784-1397.

Religious Observances: Texas A&M University-San Antonio recognizes the wide variety 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 course 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.

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, equal 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 and the uniqueness of the individual on our campus and within our state, nation, and world. All decisions and actions involving students and employees are to 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, or pregnancy/parenting status. Individuals who believe they have experienced harassment or discrimination prohibited by this statement are

encouraged to contact the University's Civil Rights Officer at 210-784-2061 or titleix@tamusa.edu.

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 discrimination or harassment, including sexual assault, sexual harassment, domestic or dating violence, or stalking based on sex, 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 victim 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, sexual violence, or other related sex-based misconduct, the faculty member must share that information with the university's Title IX Coordinator (titleix@tamusa.edu, 210-784-2061, CAB 439K). If you wish to speak to a confidential employee who does not have this reporting requirement, you can contact the Student Counseling Center at (210) 784-1331 or visit them in Madla 120.

Pregnant/Parenting Students: Texas A&M-San Antonio does not require a pregnant or parenting student, solely because of that status or issues related to that status, to (1) take a leave of absence or withdraw from their degree or certificate program; (2) limit the student's studies; (3) participate in an alternative program; (4) change the student's major, degree, or certificate program; or (5) refrain from joining or cease participating in any course, activity, or program at the University. The university will provide such reasonable accommodations to pregnant students as would be provided to a student with a temporary medical condition that are related to the health and safety of the student and the student's unborn child. These could include maintaining a safe distance from substances, areas, and activities known to be hazardous to pregnant individuals and their unborn child; excused absences because of illness or medical appointments; modified due dates for assignments; rescheduled tests/exams; taking a leave of absence; and being provided access to instructional materials and video recordings of lectures for excused absences, if these would be provided to any other student with an excused absence. Pregnant/parenting students are encouraged to contact the Title IX Coordinator with any questions or concerns related to their status (titleix@tamusa.edu; 210-784-2061; CAB 439K).

Texas A&M-San Antonio has also designated the Title IX Coordinator as the liaison officer for current or incoming students who are the parent or guardian of a child younger than 18 years of age. The Title IX Coordinator can provide students with information regarding support services and other resources. Young Jaguars can support parenting students with daycare if students meet

this criteria: (1) must be enrolled in classes at Texas A&M-San Antonio in the current semester, (2) must be Pell eligible or a single parent, (3) child(ren) must be aged 3 to 12-years-old, and (4) child(ren) must be enrolled in Pre-K-3 through 6th grade. For more information, please contact Young Jaguars at youngjaguars@tamusa.edu or call (210) 784-2636.

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, and pregnancy/parenting 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, and University Catalog, and to comply with them, as well as with 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 a safe environment for learning.
5. A student has the responsibility to check their university email for any updates or official university notifications.

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, or disability. Conduct that infringes 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 or visit the resources available in the OSRR website

Important Spring 2026 Dates:

Dates	Event
January 13	Tuition & Fee Payments deadline
January 19	Martin Luther King, Jr. – No Classes
January 20	First day of class
February 4	Census date
February 23-March 6	Midterm grading period
March 9-March 14	Spring Break
April 3	Study Day – No classes
April 17	Last day to drop with an automatic "W"
May 1	Last day to drop a course or withdraw from the University
May 4	Last day of classes
May 5	Study Day – No classes
May 6-May 12	Final exams
May 19	Commencement

The complete academic calendar is available online

Insert ONE of the AI policy options listed below in your syllabi – Select the one you believe is most appropriate for your course.

Option 1 - No Use of Generative AI Permitted

[Insert Course Number] 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.

Option 2 – Use of Generative AI Permitted Under Some Circumstances or With Explicit Permission

There are situations and contexts within this course where you may be asked to use artificial intelligence (AI) tools to explore how they can be used. Outside of those circumstances, you should not use AI tools to generate content (text, video, audio, images) that will end up in any student work (assignments, activities, discussion responses, etc.) that is part of your evaluation in this course. Any student work submitted using AI tools should clearly indicate with attribution what work is the student's work and what part is generated by the AI. In such cases, no more than 25% of the student work should be generated by AI. If any part of this is confusing or uncertain, students should reach out to their instructor for clarification before submitting work for grading. Use of AI-generated content without the instructor's permission and/or proper attribution in this course qualifies as academic dishonesty and violates Texas A&M-San Antonio's standards of academic integrity.

Option 3 – Broader Use of Generative AI Permitted Within Guidelines

Use of artificial intelligence (AI) tools, including ChatGPT, is permitted in this course for students who wish to use them. To adhere to our scholarly values, students must cite any AI-generated material that informed their work (this includes in-text citations and/or use of quotations, and in your reference list). Using an AI tool to generate content without proper attribution qualifies as academic dishonesty and violates Texas A&M-San Antonio's standards of academic integrity.

Option 4 – Customized Policy Generative AI Policy

Faculty may create a customized policy that is unique for a specific course with consultation from the department chair. Faculty are encouraged to view *Texas A&M University's Generative AI Syllabus Statement Considerations* when preparing a customized AI policy.

NOTE: Guidance for how to cite AI-generators, like ChatGPT, can be found here https://apastyle.apa.org/blog/how-to-cite-chatgpt

Option 2 / Option 4 will be used for the ENTC 1301 Principles of Engineering Technology

Appendix A

Rubric for Recent Research Topic Presentation

Criteria	Excellent (Full Points)	Good (Mid-Range)	Fair (Low Range)	Poor (Minimal/No Points)	Total
Topic Relevance & Selection	Highly relevant, timely research topic; clear justification for selection (9–10)	Relevant topic; justification somewhat clear (7–8)	Somewhat relevant; weak justification (5–6)	Not relevant or no justification (0–4)	10%
Understanding of Research Paper/Topic	Demonstrates deep understanding; explains key contributions, methods, and findings accurately (18–20)	Good understanding; minor inaccuracies or lack of detail (15–17)	Partial understanding: key points missing or misunderstood (10–14)	Little to no understanding; major errors (0–9)	20%
Critical Analysis & Insight	Provides strong critique; compares with related work; discusses strengths, weaknesses, and future directions (18–20)	Some critique and insights; limited comparison or depth (15–17)	Minimal critique; descriptive rather than analytical (10–14)	No analysis; purely descriptive or incorrect (0–9)	20%
Clarity & Organization of Presentation	Well-structured, logical flow; clear transitions; easy to follow (13–15)	Mostly clear and organized; minor issues with flow (10–12)	Somewhat unclear; organization weak (7–9)	Disorganized; difficult to follow (0–6)	15%
Use of Visuals & Communication Skills	High-quality slides/visuals; professional style; strong verbal communication and delivery (13–15)	Adequate visuals and delivery; minor issues (10–12)	Basic visuals; weak delivery (7–9)	Poor visuals; very weak communication (0–6)	15%
Engagement & Q/A Handling	Engages audience effectively; confident and accurate responses to questions (13–15)	Some engagement; mostly accurate answers (10–12)	Limited engagement; partial answers (7–9)	No engagement; unable to answer questions (0–6)	15%
Total					100%