Texas A&M University-San Antonio
Department of Sciences & Mathematics
MATH 1332 Sec. 001, Spring 2026
Syllabus

Instructor: Ali Manesh
Email: amane02@tamusa.edu
Class Time: Monday, Wednesday & Friday 1:00 PM-1:50 PM, Support 2:00 PM-2:50 PM
Location: Classroom Hall 305
Office: Classroom Hall 336
Office Hours: My office hours for your visit are as follows:

- Monday at 11:00 AM - 12:45 PM

- Tuesday at 11:00 AM - 12:15 PM

- Wednesday at 11:00 AM - 12:45 PM

- Thursday at 2:00 PM - 3:00 PM

- Friday at 11:00 AM - 12:45 PM

Note: You do **NOT** need an appointment to visit my office, unless the time you want to walk in is not listed above.

Catalog Description. This course supports students in developing skills, strategies, and reasoning needed to succeed in MATH 1332, including communication and appropriate use of technology. Topics include the study of numeracy and the real number system; algebraic concepts, notation, and reasoning; quantitative relationships; mathematical models; and problem solving. This support course is not a college-level course and should be graded Pass/Fail.

Prerequisites. Intended for Non-STEM (Science, Technology, Engineering, and Mathematics) majors. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication should be embedded throughout the course. Additional topics may be covered.

Attendance Policy. Attending class is mandatory. In all cases of absences and tardiness or leaving early, students will be held responsible for the completion of course requirements covered in their absence. Students are expected to attend class as scheduled and be prepared to participate in discussions and in-class exercises. If you miss class, you are responsible for finding out what you missed on that day. You are welcome to ask questions about the topics that you missed; however, it is your responsibility to learn the material. You are strongly encouraged to attend all classes. In addition, if an unavoidable situation prevents you from being on time or if you must leave early, please minimize class interruption. After 6 absences, you can be dropped for nonattendance by your instructor without further notice.

Calculator Policy. Scientific and graphing calculators are permitted. Some topics may be covered with the assistance of a graphing calculator. Online math utilities (e.g., Desmos) are not allowed on exams. Note: Laptops, cell phones, and other mobile devices are NOT acceptable calculators.

Homework. Homework assignments will be assigned and uploaded on Blackboard. Students are required to complete and turn assignments in on the indicated due dates announced by the instructor. All assigned homework will be due at the beginning of class on the due date.

Examination. There will be 3 exams and a comprehensive (optional) Final exam. All exams will be in person and administered in class. Unless under extreme circumstances, there will be **no make-up** for exams. Please make sure to coordinate with the instructor **at least 24 hours prior** to the scheduled date and time of the exam. These exams will be closed notes.

Late Work. Late homework submissions will not be accepted. The workload distribution would be in such a way that will allow sufficient time for completion of each assignment.

Grading Criteria. Final grade breakdown will be as follows:

Exam I	20%
Exam II	20%
Exam III	20%
Homework	25%
Classwork/Participation	15%
Total	100%

Note: to pass this course, students must score 70% or higher in their overall.

Grading Scale. Final grades will be assigned according to the following scale:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

Class Policy. All electronics should be used for **CLASS PURPOSES** only. If you are using electronics to do independent activities (i.e. watching shows, listening to music, doing other homework etc.) you will be asked to put it aside, and if this continues you will be asked to leave the classroom.

Student Learning Outcomes. Students will explore ways in which mathematics is used in, and is part of, our world and everyday life. We will explore some topics from different areas of mathematics to experience a breath of material that can help us gain a sense of mathematical perspectives and relate to our specific areas of interest. The goal is for students to learn to see not only how useful mathematics is and how it helps us look through different lenses, but also how beautiful mathematics can be. Upon completion of this course, students will:

1. Apply the language and notation of sets.

2. Determine the validity of an argument or statement and provide mathematical evidence.

3. Solve problems in mathematics of finance.

4. Demonstrate fundamental probability/counting techniques and apply those techniques to solve problems.

5. Interpret and analyze various representations of data.

6. Demonstrate the ability to choose and analyze mathematical models to solve problems from real-world settings, including, but not limited to, personal finance, health literacy, and civic engagement.

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 https://www.tamusa.edu/Disability-Support-Services/index.html 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 disability-related needs 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
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, 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) and are not part of a student's academic or university record. The Student Counseling Center provides brief individual and group therapy, crisis intervention, consultation, case management, and prevention services. For more information on SCC services visit tamusa.edu/studentcounseling. Crisis support is available 24/7 by calling the SCC at 210-784-1331 (after-hours select option '2'). The National Suicide Prevention hotline also offers a 24/7/365 hotline at 1-800-273-8255.
Additionally, the TELUS Student Support App provides a variety of mental health resources to including support for in the moment distress, 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: https://www.tamusa.edu/about-us/emergency-management/. 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 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.

Jaguar Writing, Language, and Digital Composing Center (WLDCC). 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. The Writing Center has both online and in person appointments. Students can schedule appointments with the Writing Center in JagWire under the student services tab. 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 at https://www.tamusa.edu/student-resources/writing-center/index.html. 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 referral (https://www.tamusa.edu/university-policies/Student-Rights-and-Responsibilities/file-a-report.html) 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; see https://www.tamusa.edu/mays/students/generals-store.html 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 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 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 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, gender expression, or pregnancy/parenting status. 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 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 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.

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, gender identity, gender expression, 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, sexual orientation, 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 (https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/documents/Student-Handbook-2022-23.pdf) or visit the resources available in the OSRR website (https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/academic-integrity.html).

Important Dates

- January 19: Martin Luther King, Jr. Day-No Classes

- January 20: First Class Day

- March 9-13: Spring Break

- April 3: Study Day-No classes

- April 17: Last day to drop with an automatic grade of "W"

- May 1: Last day to withdraw from the university

- May 4: Last Day of Classes

- May 5: Study Day-No Classes

- May 6-12: Final Examinations

- The complete academic calendar is available online: https://www.tamusa.edu/academics/academic-calendar/index.html.

AI Policy. No Use of Generative AI Permitted: MATH1332 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.

Math-1332 Sec.001, Spring 2026 Tentative Schedule

Week	Date	Topics	Homework
1	M Jan. 19	**MLK Jr. Day-No Class**	
	W Jan. 21	Introduction & Syllabus	
	F Jan. 23	Order of Operations	
2	M Jan. 26	Operations with Fractions	**HW.1**
	W Jan. 28	Algebraic Expressions: Simplifying	**HW.1 Due**
	F Jan. 30	Algebraic Expressions: Evaluating	**HW.2**
3	M Feb. 2	Solving Linear Equations in One Variable	**HW.2 Due**
	W Feb. 4	Solutions to Linear Equations in One Variable	**HW.3**
	F Feb. 6	Applications of Linear Equations	**HW.4**
4	M Feb. 9	Coordinate System: Axes & Intercepts	**HW.3 Due**
	W Feb. 11	Linear Functions: $y = mx + b$	**HW.4 Due**
	F Feb. 13	Graphing Linear Functions: $y = mx + b$	**HW.5**
5	M Feb. 16	**Exam I Review**	**HW.5 Due**
	W Feb. 18	**Exam I**	
	F Feb. 20	Basic Set Concepts & Subsets	**HW.6**
6	M Feb. 23	Venn Diagrams & Set Operations with 3 sets	**HW.7**
	W Feb. 25	Different Sets of Numbers	**HW.6 Due**
	F Feb. 27	Percent, Sales Tax & Discounts	**HW.8**
7	M Mar. 2	Simple Interest	**HW.7 Due**
	W Mar. 4	Compound Interest	**HW.9**
	F Mar. 6	Compounding Continuously	**HW.8 Due**
8	M Mar. 9	**SPRING BREAK**	
	W Mar. 11	**SPRING BREAK**	
	F Mar. 13	**SPRING BREAK**	
9	M Mar. 16	**Exam II Review**	**HW.9 Due**
	W Mar. 18	**Exam II**	
	F Mar. 20	Statements & Negations	**HW.10**
10	M Mar. 23	Conditional Statement	**HW.10 Due**
	W Mar. 25	Variations of Conditional Statements	
	F Mar. 27	Biconditional Statements	
11	M Mar. 30	Conjunctions	
	W Apr. 1	Disjunctions	**HW.11**
	F Apr. 3	**Study Day-No Class**	
12	M Apr. 6	Truth Tables: Conditional Statements	**HW.11 Due**
	W Apr. 8	Truth Tables: Biconditional Statements	**HW.12**
	F Apr. 10	Truth Tables: Conjunction	
13	M Apr. 13	Truth Tables: Disjunction	**HW.12 Due**
	W Apr. 15	Statement Equivalence	**HW.13**
	F Apr. 17	**Study Day-No Class**	
14	M Apr. 20	Important Definitions on Statements	
	W Apr. 22	**Exam III Review**	**HW.13 Due**
	F Apr. 24	**Exam III**	
15	M Apr. 27	Arithmetic Sequences	
	W Apr. 29	Triangles & Pythagorean Theorem	
	F May 1	Simple Probability	
16	M May 4	**Last Day: Final Exam Review**	