Texas A&M University--San Antonio

at One University Way, San Antonio, TX 78224
Department of Computational, Engineering, and
Mathematical Sciences (CEMS)

TEXAS ARM UNIVERSITY
SAN ANTONIO

Spring 2025

MATH1325: Math for Business & Social Sci. II Section: 001; MWF 2-2:50pm, HALL 303 Math 1025: Recitation W 3-3:50pm,

HALL 303 with A. Main **Credit Hours:** 3 credits

Instructor: Amy Main

Office: Hall 218 **Phone:** 210-784-2821

e-mail: amain@tamusa.edu (Please include your full

name, class, & section # in all emails.)

Office hours: MWF 11-11:55am. No appointment necessary. Do not hesitate to make arrangements

to see me outside of office hours.

Recitations: As part of Math1325, students are required to attend a weekly recitation session. In weekly recitation sessions, you will meet with your recitation instructor who will review the material, provide in-class assignments and/or participation exercises, & answer questions on the material covered in class & homework problems.

NOTE: This class meets 4 times a week—3 times with your class instructor & 1 time with your recitation instructor. Aside from the 4 hours that you spend in class each week, you should devote at least another 4 to 6 hours to studying on your own: reading the book & my lecture notes, working out homework assignments & solving extra related problems for practice, etc. You are responsible for any & all materials/topics discussed in this class.

COURSE DESCRIPTION & MATERIALS:

Course Overview: This course is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions with emphasis on applications in business, economics, and social sciences etc. This course is not a substitute for MATH 2413, Calculus I. This course meets the standards for the Mathematics category of courses under the core curriculum.

Prerequisite: MATH 1314 College Algebra or MATH 1324 Mathematics for Business and Social Sciences I with a grade 'C' or higher, or equivalent or department approval.

Required eTextbook and Online Homework Platform: Online access code for *Mathematics with Applications In the Management, Natural & Social Sciences,* 12th ed., Lial, Hungerford, Holcomb, 2019, Pearson Addison-Wesley, ISBN-10:0-13-476762-4; ISBN-13:978-0-13-476762-8 (E-book included with access code). Optional: Students can purchase a loose-leaf version of text for a low cost if desired (check bookstore).

Calculator Policy: A graphing calculator is required in this course and I will be using the TI-83 (plus) in class. Calculators will not be provided. Many topics will be covered with the aid of the TI-83 (or TI-83 plus) graphing calculator. Other graphing calculators may be used; however the student is responsible for learning how to operate them. Symbolic calculators such as the TI-89 and TI-92 will not be allowed. Calculators may not be shared. **NOTE:** Laptops, cell phone, & other mobile devices are NOT acceptable calculators.

Student Learning Outcomes: Upon completion of this course, students will:

- 1. Recognize and apply appropriate differentiation techniques to obtain derivatives of various functions, including logarithmic and exponential functions.
- 2. Solve and explain application problems involving differentiation and related rates.
- 3. Solve and interpret optimization problems with emphasis on business and social sciences applications.
- 4. Determine and apply appropriate integration techniques.
- 5. Recognize, solve, and explain business, economics, and social sciences applications problems using integration techniques.

MATH 1325 helps students develop Critical Thinking, Communication, and Empirical and Quantitative Skills by focusing on student understanding of basic differential and integral calculus concepts to include recognizing, identifying, solving, analyzing and explaining application of various mathematical functions in management, economics, and business problems.

List of Topics: Topics to be covered include but are not limited to the following:

- 1. Limits and the Derivative (Sections 11-1 ~ 11-4)
- 2. Additional Derivative Topics (Sections 11-5 ~ 11-9)
- 3. Graphing and Optimization (Sections 12-1 ~ 12-6)
- 4. Integration (Sections 13-1 ~ 13-4)
- 5. Additional Integration Topics (Sections 13-5 ~ 13-6)

The instructor reserves the right to modify/update the topics as appropriate.

COURSE WORK & GRADE DISTRIBUTION:

Class Participation: Students are expected to either attend live online lectures or watch the recordings posted on Blackboard. Be aware of what has been covered in every class and any announcements and course policy changes made in class. Announcements and changes will also be communicated through Blackboard. You are welcome to ask questions during my office hours; however, it is your responsibility to learn the material.

Homework: Homework will be in two parts. One part on-line with MyMathLab & one part to be collected the day of the exams (see daily schedule). It will **not** be graded for correctness but examined for completeness & given a grade based on that. Please do not crowd the problems on the pages, leave plenty of space between problems. Please put the section number to each exercise.

Worksheets: Worksheets will be enrichment exercises that are to be done outside of the classroom to help understand the topics covered in class. They will not be accepted late. The worksheet grade will be the sums of the best 10 worksheets to achieve the 100 points.

Quizzes: The quiz questions will come from topics covered in lecture and assigned homework. Typically, for each exam, there's one take-home quiz, one in-class quiz and one on-line quiz that is due the day of the exam. I suggest taking it before the exam as a way to help you study. NOTE: I have been known to give a roll-call quiz which **cannot** be made up.

Exams: There will be three in-class exams during the semester. The tentative dates are February 12, March 5, and April 9. All exams are closed books and closed notes to be completed on the day assigned. The format of the exams will be discussed the day before each exam. I am NOT out to trick you! In case you miss an exam or find out that you will miss an exam, you should contact me either in person or by e-mail, at least one week in advance of the exam for non-emergency cases or within 24-hrs of the scheduled exam date for emergency cases. Any missed exam counts as a 0 unless the student has a valid documented excuse and contacts me as soon as possible after the excuse for missing the test arises.

Final Exam: In order to pass this class, students *must* take a comprehensive final exam scheduled during Finals Week. Finals cannot be rescheduled or missed (for dire & unforeseen medical or family emergencies, students must consult with me). The final exam may be used to replace your lowest regular exam grade. **The final exam must be completed by the announced due date. NO EXCEPTIONS.**

NOTE: There will NOT be an extra credit assignment, please DO NOT asks for it at the end of the semester. Start studying today! You have enough time to get the perfect grade. To be successful in this course, take responsibility for your learning & plan to study at least 2 hours for each class hour. Do not get behind; do not hesitate to ask for

help. Make good use of the resources that are available to you, especially your book & your instructor. Save all your graded assignments, exams & quizzes until you receive your final grade.

Course Objectives: That student should perform at a 70% or better average on exams, homework, class participation, worksheets and quizzes covering the topics listed in the course description and those topics included in the daily schedule.

Grade:		700 - 630: A (90%)
Exam 1 (Feb. 12)	- 100 pts	629 - 560: B (80%)
Exam 2 (Mar. 5)	- 100 pts	559 - 490: C (70%)
Exam 3 (Apr. 9)	- 100 pts	489 - 420: D (60%)
Final (May 12)	- 150 pts	below 420: F
Quizzes	- 100 pts	W: Student initiated drop
Worksheets	- 100 pts	I: Passing but for some justified reason you did not
Homework	- 25 pts	complete all required work (one test, final
Participation	- 25 pts	examination, etc.) You must complete the missing
		work for the course within 120 days, or the grade is
		automatically changed to a F.

COURSE REQUIREMENTS & EXPECTATIONS

Class Attendance: Attending class is mandatory & attendance will be taken daily. Absences of students are recorded without exception, from the official date of enrollment. Both tardiness and early departure from class may be considered forms of absenteeism. In all cases, students will be held responsible for completion of course requirements covered in their absence. Students are expected to attend class as scheduled and be prepared to participate in discussions, in-class exercises, quizzes and problem presentation. If you miss class, you are responsible for finding out what you missed on that day. You are welcome to ask questions on 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.

Gradebook: The gradebook in Blackboard is updated after each exam. In addition to checking the grades in BB, you will receive a progress report after each exam to compare your grades with. Please keep your graded material until the end of the semester and inform your instructor of any discrepancies either in BB or on the progress report in a timely matter.

Make-up Policy: There are no make-up for daily quizzes or worksheets, rather the lowest of these will be dropped. You are expected to always be present for major exams. Exams must be taken on the date specified. **No make-up exams will be given**. However, the lowest of the three regular exams may be replaced by the final exam score. Extenuating circumstances that may force a student to miss a test should be discussed with the instructor immediately, if possible before the scheduled test date.

Blackboard: Students are responsible for checking Blackboard regularly for announcements, assignments, & other support materials posted there. However, students are also responsible for all announcements & assignments which are given in the classroom. Please use my TAMUSA email if you need to communicate with the instructor about the lecture.

Dropping the Course: It is the student's responsibility to drop a course. The instructor may not automatically drop you. Please check the academic calendar webpage of TAMU-SA for the last day to drop a course or withdraw from the university. Please contact the Welcome Center at 784-1300 if you desire to drop the course.

Communication etiquette: When using Jaguar email, please employ professional writing skills, Correspondence should begin with an appropriate salutation including the professor's academic title with last name and end with an appropriate closing with the student's full name. (Once a thread has been established, it may not be necessary to use a salutation or your full name each time.) The body of the correspondence should always demonstrate good spelling, grammar, punctuation, and general courtesy. Correspondence that does not adhere to these standards will receive an automatic reply of *Please see syllabus information on communication etiquette*. Email is monitored Monday-Friday during standard business hours. Please allow at least two business days for email replies.

CLASS RULES:

The following policies and expectations have been established for this course to create a productive learning atmosphere for all students. Please bring any concerns you may have to my attention.

- 1. Students are expected to arrive and be ready to start class on time and stay for the entire class period. Please refrain from leaving during class or packing up belongings early. If you know ahead of time that you will need to leave class early, please inform me before class. If you need to leave suddenly during class, please follow up with me by email after class.
- 2. Students are expected to participate in discussions, in-class exercises, quizzes and problem presentations. During lectures, class discussions, or group discussions, students should give their attention to the speaker(s) and contribute to the conversation. Students can earn up to 5 points (added to exam scores) based on their level of participation.
- 3. The use of phones or other electronic devices for non-class related activities is not allowed. Students may use laptops or tablets for note-taking and may also use assistive technology and record, but not as a substitute for note-taking. If a student needs to remain in phone contact with others outside of the classroom due to an ongoing situation, please notify me in advance. In such circumstances, it may be better to be absent from class.

Students unable to follow these policies will be referred to the Dean of Students and/or asked to drop the class.

IMPORTANT UNIVERSITY POLICIES & RESOURCES

<u>University Email Policy and Course Communications:</u> 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 Persons 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.

<u>Academic Learning Center:</u> 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 <u>tutoring@tamusa.edu</u>, calling (210) 784-1307, or visiting the Central Academic Building, room 202. You can contact the Academic Learning Center by emailing tutoring@tamusa.edu or calling (210)-784-1332. Online tutoring is also available for after hours and weekend assistance through Brainfuse.

While tutoring hours may change based on tutor schedules and availability, the current tutoring hours for MATH in the ALC are as follows:

	Appointments	Walk in Tutoring –	
	available	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	9 am – 5 pm	

<u>Counseling/Mental Health Resources:</u> 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.

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. 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').

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.



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

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.

<u>Financial Aid and Verification of Attendance:</u> 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.

Writing, Language, and Digital Composing Center: The Writing, Language, and Digital Composing Center supports graduate and undergraduate students in all three colleges as well as faculty and staff. 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. Students can schedule appointments through JagWire under the Student Services tab. Click on "Writing, Language, and Digital Composing Center" to make your appointment. The Center offers face-to-face, synchronous online, and asynchronous digital appointments. 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/academics/.

<u>Meeting Basic Needs:</u> 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.

<u>Military Affairs:</u> 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 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.

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

Statement of Harassment and Discrimination: Texas A&M University-San Antonio is committed to the fundamental principles of academic freedom, equality of opportunity and human dignity. To fulfill its multiple missions as an institution of higher learning, A&M-San Antonio encourages a climate that values and nurtures collegiality, diversity, pluralism and the uniqueness of the individual within our state, nation, and world. All decisions and actions involving students and employees should be based on applicable law and individual merit. Texas A&M University-San Antonio, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran 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 or 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 responsibility, you can contact the Student Counseling Center at (210) 784-1331, Madla Rm 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.

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

- 1. A student shall have the right to participate in a free exchange of ideas, and there shall be no University rule or administrative rule that in any way abridges the rights of freedom of speech, expression, petition and peaceful assembly as set forth in the U.S. Constitution.
- 2. Each student shall have the right to participate in all areas and activities of the University, free from any form of discrimination, including harassment, on the basis of race, color, national or ethnic origin,

- religion, sex, disability, age, sexual orientation, or veteran status in accordance with applicable federal and state laws.
- 3. A student has the right to personal privacy except as otherwise provided by law, and this will be observed by students and University authorities alike.
- 4. Each student subject to disciplinary action arising from violations of university student rules shall be assured a fundamentally fair process.

Students' Responsibilities

- 1. A student has the responsibility to respect the rights and property of others, including other students, the faculty and administration.
- 2. A student has the responsibility to be fully acquainted with the published University Student Rules found in the Student Handbook, <u>Student Code of Conduct</u>, on our website, University Catalog and to comply with them, as well as federal, state, and local laws.
- 3. A student has the responsibility to recognize that student actions reflect upon the individuals involved and upon the entire University community.
- 4. A student has the responsibility to recognize the University's obligation to provide an environment for learning.
- 5. A student has the responsibility to check their university email for any updates or official university notification.

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

Students are expected to exhibit a high level of honesty and integrity in their pursuit of higher education. Students engaging in an act that violates the standards of academic integrity will find themselves facing academic and/or disciplinary sanctions. Academic misconduct is any act, or attempt, which gives an unfair advantage to the student. Additionally, any behavior specifically prohibited by a faculty member in the course syllabus or class discussion may be considered as academic misconduct. For more information on academic misconduct policies and procedures please review the Student Code of Conduct. (<a href="https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/documents/Student-Handbook-2022-22-adf-particit the processes available in the OSPR website (https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/documents/Student-Handbook-2022-22-adf-particit the processes available in the OSPR website (https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/documents/Student-Handbook-2022-22-adf-particit the processes available in the OSPR website (https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/documents/Student-Handbook-2022-22-adf-particit the processes available in the OSPR website (https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-rights-and-responsibilities/documents/Student-

(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).

No Use of Generative AI Permitted: Math 2313 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.

<u>Electronic Devices:</u> The use of phones or other electronic devices for non-class related activities is not allowed. Anyone who is observed text messaging or using an electronic device during class for a non-class related purpose will be given a warning, and as a further action that person will be asked to drop the class. Devices should be turned off and put away during exams and quizzes.

Important Dates:

January 21 First day of class

March 10-15 Spring Break – No classes April 18 Study Day – No classes

April 21 Last day to drop with an automatic "W"

April 28 Last day to drop a course or withdraw from the University

May 5 Last day of classes
May 6 Study Day – No classes

May 7-13 Final exams

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

COVID-19 SYLLABUS STATEMENT

The safety of our campus community is paramount to our ability to provide our students, faculty, and staff with a productive and secure learning and working environment. While masks are not required, we do encourage everyone to wear a mask when the situation warrants OR if you remain unvaccinated. The university maintains a covid-19 web-site with current data, safety protocols, and reporting guidelines at https://www.tamusa.edu/community-safety-together/index.html.

Sources of Help:

Names & contact for at least 3 members of our class:

• Ask questions in class & in recitation.

• Work with each other.

• Make an appointment to see me. 2)

• Go to Math Free Tutoring

• Get a private tutor.

HOMEWORK ASSIGNMENTS: *Mathematics with Applications In the Management, Natural & Social Sciences,* 12th

ed., Lial, Hungerford, Holcomb, 2019

	Section	Table of Contents	Page	Assignment
Hw1	11.1	Limits	567	9,10,21-27 odd
	11.2	One-sided Limits & Limits Involving Infinity	579	11,21,22,29
	11.3	Rates of Change	590	9,25,32
	11.4	Tangent Lines & Derivatives	604	4,15,21,23,27,31
Hw2	11.5	Techniques for Finding Derivatives	617	26,51,68,75
	11.6	Derivatives of Products & Quotients	627	28-31,46
	11.7	The Chain Rule	637	4,18,31,49
	11.8	Derivatives of Exponential & Logarithmic Functions	647	19,21,32,37
	11.9	Continuity & Differentiability	655	2,11,27
Hw3	12.1	Derivatives & Graphs	677	6,15,27
	12.2	The Second Derivative	691	5,19,20,41,49,50,53
	12.3	Optimization Applications	703	5,15,37
	12.4	Implicit Differentiation	713	7,27,31,41
	12.5	Related Rates	720	3,7,15,25
	12.6	Curve Sketching	728	4,23,25,27
Hw4	13.1	Antiderivatives	743	1-5,25,32,39,42,44
	13.2	Integration by Substitution	751	1,2,5,9,21,35
	13.3	Integration by Parts	760	3,7,23
	13.4	Area & the Definite Integral	769	3,5-7,15,16,20
	13.5	The Fundamental Theorem of Calculus	781	5,9,13,20,21,36
	13.6	Applications of Integrals	791	5,13,17,39

MATH 1325 MWF TENTATIVE DAILY SCHEDULE - Spring 2025

JU V							
Friday Wkst due							
1/22 11.1 wk1							
WAI							
wk2							
wk2 wk3							
wk4							
wells F							
wk5							
wk6							
March 10-14: Spring Break							
wk7							
wk8							
wk9							
wk10							
YDAY							
wk11							
wk12							
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^{*}NOTE: The instructor reserves the right to make changes to the syllabus as needed. If changes are made, you will be notified of the changes in class or by your university e-mail address and as well as on Blackboard.