

MATH 2414 CALCULUS I

“FINIS ORIGINE PENDET”

FALL 2020

SECTIONS Mon 1101, Tue 1201, & Wed 1503

ME: DARRYL EGLEY

E-MAIL: eggs@lonestar.eduMY WEB PAGE:

I WILL USE MY WEB PAGE TO, AMONG OTHER THINGS, POST VIDEO LESSONS, POST STUDY GUIDES, MAKE ANNOUNCEMENTS, AND DISPERSE INFORMATION. IT IS IMPORTANT FOR YOU TO CHECK THE PAGE FREQUENTLY, EVEN DAILY. YOU CAN ACCESS IT VIA ANY COMPUTER OR SMART PHONE TO WHICH YOU HAVE ACCESS. HERE ARE THE ADDRESS AND QR CODE:

<http://lonestar.edu/blogs/degley>



ANY ANNOUNCEMENT POSTED ON THE WEB PAGE IS TO BE CONSIDERED
EQUIVALENT TO ANY MADE IN CLASS.

TEXT: CLACULUS, BY LARSON & EDWARDS, 11TH EDITION (I KNOW THERE'S A TYPO. I LIKED IT, SO I KEPT IT.) YOU WILL NEED TO HAVE ACCESS TO EITHER A HARD COPY OR AN ELECTRONIC COPY OF THE TEXT. ALL ASSIGNMENTS WILL COME FROM IT. ALL PAGE NUMBERS, SECTION NUMBERS, ETC. WILL BE POSTED FROM THE 11TH EDITION EXCLUSIVELY. IF YOU HAVE A DIFFERENT VERSION, IT IS FOR YOU TO ACCOUNT FOR ANY DIFFERENCES.

YOU DO NOT NEED ANY COMPUTERIZED HOMEWORK ACCESS CODES OF ANY KIND.

GRADE SCALE:

AT THE END OF THE SEMESTER, THE TOTAL POINTS EARNED BY EACH STUDENT WILL BE COMPUTED. THE FOLLOWING SCALE WILL APPLY. THE INDICATED POINTS EARNED ASSURE THE ASSOCIATED GRADE. THE EXAMS WILL BE WORTH 100 POINTS EACH. BASIC FORMS QUIZ WILL BE WORTH 20 POINTS EACH.

TENTATIVE SCHEDULE			
GRADE SCALE		EXAMS	
POINTS	GRADE	EXAM #	MATERIAL
500 – 450	A	EXAM #1	CHAPTER 1
449 – 400	B	EXAM #2	CHAPTER 2
399 – 350	C	EXAM #3	CHAPTER 3
349 – 300	D	EXAM #4	CHAPTERS 4&5
299 – 0	F	FINAL EXAM	COMPREHENSIVE

EXAMS #1 – 4 WILL CONSIST OF TWO PARTS

FIRST, APPROXIMATELY 20 – 30 MULTIPLE CHOICE OR SHORT ANSWER ITEMS. FOR THESE ITEMS, YOU **NEED NOT SHOW YOUR WORK**, AND THERE WILL BE NO PARTIAL CREDIT FOR THESE ITEMS.

SECOND, 5 – 10 PROBLEMS VERY SIMILAR TO HOMEWORK PROBLEMS WHICH YOU WILL WORK OUT ENTIRELY. FOR THESE ITEMS YOU **MUST SHOW YOUR WORK**. I RESERVE THE AUTHORITY TO INCLUDE ON ANY EXAM ANY QUESTION COVERING ANY CONTENT IN ANY FORMAT I DEEM APPROPRIATE.

THE FINAL EXAM WILL CONSIST OF PROBLEMS VERY SIMILAR (ALTHOUGH NOT NECESSARILY IDENTICAL) TO THE ITEMS ON THE PREVIOUS EXAMS. THERE WILL BE A SECTION OF MULTIPLE CHOICE OR SHORT ANSWER ITEMS AND A SECTION OF PROBLEMS TO WORK OUT. THE NUMBER OF ITEMS IS TO BE DETERMINED.

METHODS YOU MAY USE: ON THOSE ITEMS WHERE YOU ARE REQUIRED TO SHOW YOUR WORK, THE **ONLY METHODS YOU ARE PERMITTED TO USE** ARE THOSE DISCUSSED ON THE VIDEO LESSONS. IF YOU DEVIATE FROM THOSE METHODS, YOU FORFEIT YOUR CLAIM TO ANY CREDIT. THIS APPLIES TO ALL GRADED WORK.

NEATNESS COUNTS: ON ANY WORK SUBMITTED TO BE GRADED, IF IT IS NOT DONE IN A NEAT AND ORDERLY FASHION, YOU FORFEIT YOUR CLAIM TO ANY CREDIT. THIS INCLUDES BUT IS NOT LIMITED TO LEGIBILITY, ORDERLINESS, AND GENERAL APPEARANCE. THIS APPLIES TO ALL GRADED WORK.

NOTATION MATTERS: NOTATION IN A MATHEMATICS CLASS IS ANALOGOUS TO GRAMMAR AND SPELLING IN A COMPOSITION CLASS. IF ANY OF YOUR WORK CONTAINS INCORRECT NOTATION, YOU FORFEIT YOUR CLAIM TO ANY CREDIT. THIS APPLIES TO ALL GRADED WORK.

DEADLINES MATTER: THERE WILL BE DEADLINES BY WHICH YOU MUST SUBMIT YOUR WORK TO BE GRADED. IF YOUR WORK IS LATE FOR ANY REASON – I SAY AGAIN, **FOR ANY REASON** – YOU FORFEIT YOUR CLAIM TO ANY CREDIT. THIS APPLIES TO ALL GRADED WORK.

DIRECTIONS MATTER: IF YOU DO NOT FOLLOW DIRECTIONS YOU FORFEIT YOUR CLAIM TO ANY CREDIT. THIS APPLIES TO ALL GRADED WORK.

YOU ARE RESPONSIBLE: YOU ARE COMPLETELY AND SOLELY RESPONSIBLE FOR ENSURING THAT YOUR WORK USES PROPER METHODS, THAT IT IS NEAT, THAT YOUR NOTATION IS CORRECT, THAT DEADLINES ARE MET, AND THAT YOU FOLLOW DIRECTIONS. WHILE TRUE OF ANY CLASS, IT IS THE NATURE OF AN ON-LINE CLASS THAT THIS IS PARTICULARLY ACUTE. ESPECIALLY IF THIS IS YOUR FIRST EXPERIENCE WITH AN ON-LINE CLASS FORMAT, YOU NEED TO BE AWARE THAT A SIGNIFICANTLY LARGER BURDEN FALLS ON YOU, THE STUDENT. YOU'RE GOING TO NEED TO BRING SOME GAME.

I RESERVE THE RIGHT TO HAVE **QUIZZES** AT ANY TIME, IN ANY FORMAT, AND FOR ANY AMOUNT OF POINTS. IF THERE ARE ANY QUIZZES, THE TOTAL POINTS POSSIBLE WILL BE ADJUSTED ACCORDINGLY.

THE FORMAT AND PROCEDURES FOR THE EXAMS WILL BE POSTED LATER. BE SURE TO FOLLOW THE HOME PAGE CLOSELY.

GRADE ADJUSTMENT BECAUSE OF YOUR PERSONAL SITUATION: 0 POINTS.

YOUR GRADE WILL BE BASED ENTIRELY AND SOLELY ON THE NUMBER OF POINTS YOU EARN ON THE EXAMS AND QUIZZES.

YOUR PERSONAL SITUATION WILL **NOT** SERVE AS A SUBSTITUTE FOR POINTS EARNED ON EXAMS AND QUIZZES. THE FOLLOWING ARE EXCERPTS FROM EMAILS I HAVE RECEIVED IN THE PAST FROM STUDENTS. ALL OF THESE WERE SENT AFTER THE FINAL EXAM GRADES WERE POSTED. **EACH OF THEM NETTED THEIR AUTHORS ZERO POINTS.**

"It is not as simple as me retaking this class. I am [in high school] and my continued enrollment in the dual credit program does not allow for me to get a D in any class. I have been able to complete xx hours so far and I am well on my way to obtaining my AS degree by the time I graduate from High school. While, I know this is not your problem I am asking for some consideration."

"Professor Egley, please, please can you bump me to a C this will absolutely destroy my GPA and any chance of getting into a good school. I apologize I'm asking this I really am. This semester has been a struggle for me I've had family problems and I know it's not your problem, but I would greatly appreciate you sir. I'm begging you professor I really, really, am."

"I am on the border between A & B. I got very good grades on the previous exams. The only thing I missed was one quiz. I am transferring to *** and if I get a B everything in my life will be destroyed. I will have to go back to my home country and there is no chance for me to study because of my immigration status. That is my situation – it depends on just 2-3 points. Please, please, if you can, help me to reach my goal and continue my education."

"Professor Egley, please reconsider my grade. As I tried to explain, I've been battling personal issues this semester. My [family member] that's was staying with me is addicted to drugs and vandalized my vehicle. On top of that my [other family member] suffered from 3 mini strikes leaving her unable to speak. Also, I must work 35 plus hours a week to pay my way through school and bills with no help. Please give me a C in your course to pass, I'm a good student and person but have been battling many demons not of my own making. We can discuss in person if preferred. Please take all factors into consideration, thanks."

"I was hoping for an A."

GRADE ADJUSTMENT BECAUSE OF YOUR PERSONAL SITUATION: 0 POINTS.

MINIMUM EXAM SCORES:

IF ANY OF YOUR EXAM SCORES IS BELOW 50%, YOU CANNOT RECEIVE A GRADE OF "A", NO MATTER WHAT YOUR PERCENTAGE WORKS OUT TO BE. THIS APPLIES EVEN IF AN EXAM SCORE IS REPLACED (SEE NEXT SECTION).

MAKE-UP EXAMS:

I ALSO UNDERSTAND THAT UNFORSEEABLE EVENTS CAN OCCUR. HENCE, **I WILL REPLACE** THE LOWEST OF YOUR EXAM #1 – 4 SCORES WITH **THE AVERAGE OF THE REPLACED SCORE AND THE SCORE YOU MAKE ON THE FINAL EXAM**. IF YOU MISS AN EXAM, YOU WILL SIMPLY HAVE THAT AVERAGE VALUE SUBSTITUTED FOR THE MISSING SCORE. THE FOLLOWING GUIDELINES WILL APPLY:

A. **THE FINAL EXAM MAY NOT BE REPLACED.**

B. IF YOU MISS TWO EXAMS, **ONLY ONE** WILL BE REPLACED.

C. THIS WILL OCCUR **ONLY** IF THE REPLACEMENT **RAISES** YOUR TOTAL POINTS

UNDER NO CIRCUMSTANCES WILL MAKE-UP QUIZZES (SHOULD THERE BE ANY) BE GIVEN

AGGREGIOUS ERRORS ON EXAMS:

IF YOU MAKE A MISTAKE ON AN EXAM WHICH IS SO AGGREGIOUS AS TO MERIT IT, I MAY DEDUCT MORE POINTS THAN THE EXAM ITEM IS WORTH. FOR EXAMPLE, IF AN ITEM IS WORTH 8 POINTS, SUCH AN ERROR MIGHT MERIT A DEDUCTION OF 10 POINTS. EXAMPLES OF THESE ERRORS INCLUDE BUT ARE NOT LIMITED TO SUCH THINGS AS:

$$(x+3)^2 = x^2 + 9; \quad \sin(30^\circ) = \pi/6; \quad \frac{x^2 + 4}{x^2 + 7x + 15} = \frac{4}{7x + 15}; \quad \sqrt{x^2 + 25} = x + 5$$

DROPPING THE CLASS:

IT IS MY DESIRE THAT NO STUDENTS DROP THE COURSE. HOWEVER, CIRCUMSTANCES MAY ARISE WHICH MIGHT CAUSE YOU TO CONSIDER THAT AS A POSSIBILITY. IF SO, I ENCOURAGE YOU TO COMMUNICATE WITH ME. IT MAY BE THAT THERE ARE OPTIONS AVAILABLE THAT ARE UNKNOWN TO YOU. IN ANY CASE, HOWEVER, EXCEPT FOR INORDINATELY UNUSUAL CIRCUMSTANCES, I WILL **NOT** INITIATE DROPPING A STUDENT FROM THE COURSE.

MISCELLANEOUS:

ANY WORK ON ANY ITEM TO BE GRADED MUST BE WRITTEN IN A NEAT AND ORDERLY FASHION. IF IT IS NOT, **OR IF YOU DO NOT FOLLOW DIRECTIONS**, YOU FORFEIT YOUR CLAIM TO ANY CREDIT.

ANY WORK ON ANY ITEM TO BE GRADED MUST USE **ONLY THE METHODS DEMONSTRATED IN CLASS**. IF YOU DO NOT MEET THIS STANDARD, YOU FORFEIT YOUR CLAIM TO ANY CREDIT.

IF YOUR WRITING IS SO POOR THAT I CANNOT READ YOUR WORK OR READ YOUR NAME, I WILL NOT GRADE YOUR WORK – YOU WILL RECEIVE NO CREDIT AND NO SECOND CHANCE.

AT ALL TIMES DURING THE SEMESTER, YOU, THE STUDENT, ARE RESPONSIBLE FOR ENSURING THAT: (A) YOU ARE PROPERLY ENROLLED IN THE COURSE AND, SHOULD YOU DECIDE TO, (B) YOU ARE PROPERLY WITHDRAWN FROM THE COURSE.

DIVISION COUNSELOR:

RHONDA CANNON, COUNSELOR FOR MATH AND NATURAL SCIENCES, IS AVAILABLE IN WINSHIP 115G TO ASSIST YOU IN MEETING YOUR ACADEMIC, CAREER, AND PERSONAL GOALS. CONFIDENTIAL COUNSELING SERVICES ARE AVAILABLE BY APPOINTMENT TO HELP YOU OVERCOME ACADEMIC CHALLENGES, MAKE A CAREER CHOICE, PLAN YOUR TRANSFER, AND TO GAIN SELF-UNDERSTANDING. TO SCHEDULE AN APPOINTMENT CALL 281-618-5480 OR EMAIL RHONDA.CANNON@LONESTAR.EDU OR STOP BY WINSHIP 115G, SHOULD THAT BECOME POSSIBLE.

I HAVE NO QUALMS REGARDING FOOD OR DRINK IN CLASS, EXCEPT THAT **IT MUST BE QUIET**. THIS INCLUDES THE WRAPPER.

FINAL EXAM SCHEDULE:

THE FINAL EXAM FOR THIS COURSE IS

MONDAY SECTION (SEC. 1101): MONDAY, DECEMBER 7, 8:00 – 9:50

TUESDAY SECTION (SEC. 1201): THURSDAY, DECEMBER 10, 9:30 – 11:20

WEDNESDAY SECTION (SEC. 1503): MONDAY, DECEMBER 7, 10:00 – 11:50

IF YOU DO NOT TAKE THE FINAL EXAM, YOUR GRADE FOR THE COURSE WILL BE 'F'.

FINAL EXAM SCHEDULE FOR THE COLLEGE IS HERE:
<http://www.lonestar.edu/examschedule.htm>



THINGS I HATE:

1. ASKING, "WILL THIS BE ON THE TEST?"
2. ASKING, "WHEN IS THE FINAL?"
3. ASKING, "NOT FOLLOWING BLATANT DIRECTIONS."
5. ASKING, "HOW MANY QUESTIONS WILL THERE BE ON THE TEST?"
8. ASKING, "IS THERE ANY EXTRA CREDIT?" **THERE PERIOD. IS PERIOD, NONE PERIOD.**
- 9. COMPLAINING ABOUT HAVING TO LEARN THE MATERIAL.**

STUFF THE SCHOOL SAID I NEED TO INCLUDE:

MyLoneStar: LoneStar gives students, faculty, and staff access to important academic information. It allows a student to register, search for courses, obtain financial aid information, pay tuition and fees, and view course grades. From www.lonestar.edu, click on MyLoneStar at the top right corner. Follow the instructions for securing your user name and password under the Self-Service Tools. Please contact the helpdesk at 1-866-614-5014 or send an email to ots@lonestar.edu for further assistance.

Academic Integrity:

<http://www.lonestar.edu/instructional-resources.htm>

ADA Statement

<http://www.lonestar.edu/27404.htm>

Withdrawal Policy/Student Drop Limit

<http://www.lonestar.edu/drop-limit.htm>

Emergency Notification Info

LSCS is committed to maintaining the safety of the students, faculty, staff, and guests while visiting any of our campuses. See <http://www.lonestar.edu/oem> for details. Register at <http://www.lonestar.edu/12803.htm> to receive emergency notifications. In an emergency, contact LSCS Police at 281-290-5911 or x5911.

Campus Carry Info

<http://www.lonestar.edu/CampusCarry.htm>

Lone Star College COVID-19 Prevention Expectations

Lone Star College is dedicated to the health and safety of all employees and students with a strong commitment to student engagement and success. In coordination with federal, state, and local mandates and guidelines, Lone Star College has established general COVID-19 prevention expectations below. Campus-specific COVID-19 protocols shall be provided to you by campus presidents.

The expectations and protocols may be changed as the COVID-19 situation evolves. Please direct campus protocol questions to the campus president.

Lone Star College supports students with online tutoring, online bookstore access, online library resources, with access to Office 365 available. Information about tutoring and available resources may be found at <https://www.lonestar.edu/Student-Resources.htm>.

Lone Star College implemented the COVID-19 Prevention Expectations listed below for students attending class on a Lone Star College campus during the 2020 Fall Semester. Be sure to stay home if you are feeling ill or if you have been exposed to someone who has tested positive for illness.

On-Campus¹ and In the Classroom

- You must properly wear a mask that adequately covers your mouth and nose.
 - You should put your mask on upon exiting your vehicle in the campus parking lot. Unless otherwise provided by law, you will not be allowed on a campus or remain on a campus without a mask.
 - If you need a mask, the campus will provide you one at the designated campus entry checkpoint.
 - Failing to wear a mask or refusing to wear a mask while on a Lone Star College campus is considered a Student Conduct Code violation.
- Proceed to the designated campus entry checkpoint.
- You must submit to a temperature check at the Campus Screening Checkpoint.
- You should stay at least six feet from others while on campus.
- You should sanitize your hands regularly, but especially prior to entering a classroom and when leaving.

Notifications of Possible Exposure

¹ For purposes of this document, “campus” and “on-campus” includes both indoor and outdoor spaces located on a Lone Star College property.

- Lone Star College will notify you of possible exposure to COVID-19 if a person who was in your area of campus while you were on campus tested positive.
- In case of building closure, your instructor will notify you of the plan for continuing the course.