

MATH 2414 CALCULUS I  
SECTION 1101

“FINIS ORIGINE PENDET”

FALL 2022

ME: DARRYLEGLEY

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OFFICE HOURS:

MW: 8:00 – 9:00

TTh: 11:00 – 12:30

MY WEB PAGE:

I WILL USE MY WEB PAGE TO, AMONG OTHER THINGS, POST STUDY GUIDES, MAKE ANNOUNCEMENTS, AND DISPERSE INFORMATION. IT IS IMPORTANT FOR YOU TO CHECK THE PAGE FREQUENTLY. YOU CAN ACCESS IT VIA ANY CAMPUS COMPUTER 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, 11<sup>TH</sup> 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 11<sup>TH</sup> 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 RANGES ASSURE THE ASSOCIATED GRADE, SUBJECT TO THE RESTRICTIONS BELOW. † THE EXAMS WILL BE WORTH **100 POINTS** EACH, SCHEDULED QUIZZES **50 POINTS** EACH. BASIC FORMS QUIZZES WILL BE WORTH **20 POINTS** EACH, GRADED AS INDICATED BELOW. NOTE THAT THE KEY WORD HERE IS TENTATIVE – IT IS SUBJECT TO CHANGE. (SEE BELOW. † )

TENTATIVE GRADE SCALE							
GRADE SCALE		BASICS QUIZ SCHEDULE		QUIZ SCHEDULE		EXAM SCHEDULE	
POINTS	GRADE	BASICS QUIZ #	MATERIAL	QUIZ #	MATERIAL	EXAM #	MATERIAL
750 – 675	A	BASICS QUIZ 1	BASIC FORMS	QUIZ 1	SEC. 2.1 – 2.3	EXAM I	CHAPTER 1
674 – 600	B	BASICS QUIZ 2		QUIZ 2	SEC 3.1 – 3.4	EXAM II	CHAPTER 2
599 – 525	C	BASICS QUIZ 3		QUIZ 3	SEC 5.1 – 5.4	EXAM III	CHPATER 3
524 – 450	D	BASICS QUIZ 4				EXAM IIII	CHAPTER 4, 5, & 7
449 – 0	F	BASICS QUIZ 5				FINAL	COMPREHENSIVE

**EXAMS** #1 – 4 WILL CONSIST OF TWO TYPES OF ITEMS. 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, APPROXIMATELY 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.

**QUIZZES** #1 – 3 WILL CONSIST OF APPROXIMATELY EIGHT TO TWELVE PROBLEMS VERY SIMILAR TO HOMEWORK PROBLEMS. CREDIT WILL BE GIVEN FOR THESE PROBLEMS ONLY IF YOU SHOW YOUR WORK IN A NEAT AND ORDERLY FASHION. THESE QUIZZES WILL BE WORTH 50 POINTS EACH. **I MAY, ON ANY QUIZ, ASK ANY TYPE OF QUESTION, IN ANY FORMAT, FOR ANY NUMBER OF POINTS I DEEM APPROPRIATE.**

†† **BASICS QUIZZES** #1 – 5 WILL CONSIST OF APPROX. 16 BASIC LIMIT, DERIVATIVE AND INTEGRAL FORMS ITEMS TAKEN FROM THE BASIC FORMS SHEET THAT WILL BE PROVIDED FOR YOU. A PORTION OF THE BASIC FORM WILL BE GIVEN AND YOU WILL BE ASKED TO PROVIDE THE REMAINING PARTS OF THE BASIC FORM. FOR ALL FORMS, YOU MUST USE THE SAME VARIABLES AND STRUCTURE AS SHOWN ON THE BASIC FORMS SHEET. (NOTE: LOWER CASE AND UPPER CASE LETTERS ARE **NOT** INTERCHANGEABLE. A LOWER CASE  $f$  IS MATHEMATICALLY DIFFERENT THAN AN UPPER CASE  $F$ .) THESE QUIZZES WILL BE WORTH 20 POINTS EACH. THESE WILL BE SCORED AS FOLLOWS:

ALL CORRECT = 20 PTS. ONE WRONG = 10 PTS. TWO WRONG = 5 PTS. THREE OR MORE WRONG = 0 PTS.

**IMPORTANT: A DEDUCTION OF 1 OR 2 POINTS WILL BE TAKEN FROM ANY EXAM OR QUIZ PROBLEM WHICH CONTAINS ANY TYPE OF INCORRECT NOTATION.**

**THE FINAL EXAM WILL ALSO BE WORTH 100 POINTS AND WILL CONSIST OF ITEMS SIMILAR TO THOSE THAT HAVE APPEARED ON THE PREVIOUS EXAMS AND QUIZZES. ANY TOPIC DISCUSSED AT ANY POINT IN THE SEMESTER IS A POSSIBLE ITEM FOR THE FINAL EXAM. . I MAY, ON THE FINAL, ASK ANY TYPE OF QUESTION, IN ANY FORMAT, FOR ANY NUMBER OF POINTS I DEEM APPROPRIATE. IF YOU DO NOT TAKE THE FINAL EXAM YOUR GRADE FOR THE COURSE WILL BE 'F'.**

**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 IN CLASS. IF YOU DEVIATE FROM THOSE METHODS, YOU FORFEIT YOUR CLAIM TO ANY CREDIT. THIS APPLIES TO ALL GRADED WORK.

**E-BOOK ACCESS:**

ACCESS TO THE E-BOOK CAN BE OBTAINED USING WEBASSIGN, BUT **WEBASSIGN IS NOT REQUIRED** FOR THIS COURSE. IF YOU CHOOSE TO USE THE E-BOOK INCLUDED IN WEBASSIGN, YOU WILL NEED THIS

1. GO TO [WWW.WEBASSIGN.NET](http://WWW.WEBASSIGN.NET)
2. CLICK ON “ENTER CLASS KEY” BUTTON (NEAR TOP RIGHT) AND ENTER: **LONESTAR.NORTH HARRIS 3799 6376**
3. THEN FOLLOW THE STEPS ON YOUR SCREEN TO SET UP YOUR WEBASSIGN ACCOUNT TO GET REGISTERED FOR THIS COURSE. YOU ARE ALSO PURCHASING ACCESS TO THE E-BOOK. **YOU MAY USE IT FREE FOR 14 DAYS.**

**† I RESERVE THE RIGHT TO INCLUDE OR EXCLUDE OTHER QUIZZES OR EXAMS AT ANY TIME, IN ANY FORMAT, AND FOR ANY AMOUNT OF POINTS. IF THERE ARE ANY OTHER SCORES, THE TOTAL POINTS POSSIBLE AND GRADE SCALE WILL BE ADJUSTED ACCORDINGLY.**

**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 Egle, 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 Egle, 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 strokes 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” FOR THE COURSE, NO MATTER WHAT YOUR NUMBERS WORK OUT TO BE. IF THE MINIMUM OF YOUR EXAM I – V SCORES IS LOWER THAN YOUR SCORE ON THE FINAL EXAM, THE FINAL EXAM SCORE WILL SUBSTITUTE FOR THE MINIMUM EXAM SCORE. NEVERTHELESS, THE MINIMUM GRADE THRESHOLDS (ABOVE) **WILL APPLY** EVEN IF AN EXAM SCORE IS REPLACED.

#### MAKE-UP EXAMS:

- I DO NOT TEACH COSMETOLOGY. HENCE, I DO NOT GIVE MAKE-UP EXAMS. I DO UNDERSTAND, HOWEVER, THAT SCHEDULES GET HECTIC. THUS, IF YOU KNOW A *PRIORI* THAT YOU WILL NEED TO MISS CLASS, **LET ME KNOW**, AND I WILL TRY TO MAKE AN ARRANGEMENT. THE FOLLOWING GUIDELINES WILL APPLY:
- A. YOU MUST NOTIFY ME **BOTH** IN PERSON **AND** VIA E-MAIL
  - B. YOU MUST NOTIFY ME **AT LEAST TWO DAYS** PRIOR TO THE EXAM DATE.
  - C. IF YOU WISH TO TAKE THE EXAM, YOU MUST TAKE IT **BEFORE** THE REGULARLY SCHEDULED TIME, UNLESS WE MAKE AN ARRANGEMENT.
  - D. NOTICE THAT A PANICKED CELLPHONE CALL FROM THE FREEWAY ON THE MORNING OF THE EXAM **DOES NOT** FALL INTO THIS CATEGORY. SUCH AN EVENT IS COVERED BELOW.
  - E. NOTICE THAT ASKING ME SEVERAL DAYS (OR WEEKS) **AFTER** THE EXAM DOES NOT FALL INTO THIS CATEGORY. SUCH AN EVENT IS COVERED BY REPLACING THE EXAM SCORE WITH THAT OF THE FINAL.

#### 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 TALK 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.

#### STUDENT CODE OF CONDUCT:

<http://nhmath.lonestar.edu/Faculty/EgleyD/StudentcodeofConduct.pdf>

#### MISCELLANEOUS:

PLEASE TURN OFF ALL CELL PHONES, PAGERS, ETC. DURING CLASS TIME. IF YOURS GOES OFF DURING AN EXAM OR QUIZ, **IT WILL COST YOU FIVE POINTS ON THAT EXAM OR QUIZ**. ALSO, PHONES MUST BE PUT AWAY DURING AN EXAM OR QUIZ. IF YOUR PHONE IS VISIBLE DURING AN EXAM OR QUIZ, **YOU WILL RECEIVE NO CREDIT** FOR THAT EXAM OR QUIZ. EXCEPTIONS TO THIS RULE WILL BE MADE ONLY IN THE CASE OF EMERGENCY RESPONSE PERSONEL AND MUST BE ARRANGED IN ADVANCE.

**YOU MAY NOT USE A PHONE AS A CALCULATOR ON AN EXAM OR QUIZ.**

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.**

GOOD NEWS! THIS POLICY DOES NOT APPLY TO US THIS SEMESTER! HOWEVER, IF YOU SPILL SOMETHING, YOU ARE RESPONSIBLE FOR CLEANING IT UP!

~~WHILE I PERSONALLY HAVE NO QUALMS REGARDING FOOD OR DRINK IN CLASS, THE DEPARTMENT HAS DICTATED THAT NO FOOD AND NO DRINKS ARE ALLOWED IN ROOMS WITH COMPUTERS. I WILL ENFORCE THIS STRICTLY BECAUSE IT IS I WHO WILL GET IN TROUBLE WITH THE DEAN, NOT YOU.~~

I WILL REGARD ALL ABSENSES EQUIVALENTLY, IRRESPECTIVE OF CAUSE.

## **FINAL EXAM SCHEDULE:**

**THE FINAL EXAM FOR THIS COURSE IS  
1:00 – 2:20 WEDNESDAY, DECEMBER 14**

FINAL EXAM SCHEDULE FOR THE COLLEGE IS HERE:

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



### **THINGS I HATE:**

1. WILL THIS BE ON THE TEST?
2. WHEN IS THE FINAL?
3. NOT FOLLOWING BLATANT DIRECTIONS.
4. NOT STOPPING AN EXAM (QUIZ) WHEN TIME IS CALLED.
5. HOW MANY QUESTIONS WILL THERE BE ON THE TEST?
6. DO YOU HAVE A CALCULATOR I CAN USE?
7. DO YOU HAVE A PENCIL I CAN USE?
8. IS THERE ANY EXTRA CREDIT?
9. GRUBBING FOR GRADES.

**10. COMPLAINING ABOUT HAVING TO BE HERE.**

### **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](http://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](mailto: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>