

MATH 2414 TRIGONOMETRY
SECTIONS 1201 & 1203

“FINIS ORIGINE PENDET”

SPRING 2025

ME: DARRYL EGLEY

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OFFICE HOURS:

MW: 11:30 – 1:00

Tue: 12:00 – 1:30

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: YOU WILL **NOT** BE REQUIRED TO OBTAIN A TEXT FOR THIS COURSE HOWEVER, IF YOU WISH, AND THIS IS COMPLETELY 100% OPTIONAL, YOU MAY OBTAIN THE TEXT TRIGONOMETRY, BY LIAL, HORNSBY, et al 12TH EDITION. THE TOPICS COVERED WILL FOLLOW THOSE OF THAT TEXT. YOU WILL **NOT** REQUIRE ANY ELECTRONIC HOMEWORK SYSTEM OF ANY KIND. I HAVE WRITTEN HOMEWORK PROBLEMS FOR EACH TOPIC WHICH WILL BE SUFFICIENT FOR ANYTHING REQUIRED FOR THE COURSE.

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. NOTE THAT THE KEY WORD HERE IS TENTATIVE – IT IS SUBJECT TO CHANGE. (SEE BELOW. †)

TENTATIVE GRADE SCALE							
GRADE SCALE		BASIC FORMS QUIZ SCHED.		QUIZ SCHEDULE		EXAM SCHEDULE	
POINTS	GRADE	BASICS QUIZ #	MATERIAL	QUIZ #	MATERIAL	EXAM #	MATERIAL
650 – 585	A	BASICS QUIZ 1	BASIC FORMS††	QUIZ 1	CHAPTER 1 (50 PTS)	EXAM I	CHAPTERS 1 & 2
584 – 520	B	BASICS QUIZ 2		QUIZ 2	CHAPTER 3 (50 PTS)	EXAM II	CHAPTERS 3 & 4
519 – 455	C	BASICS QUIZ 3		QUIZ 3	TWO (25 PTS EA) TRIG	EXAM III	CHAPTERS 5 – 7
454 – 390	D	BASICS QUIZ 4			IDENTITY QUIZZES	FINAL	COMPREHENSIVE
539 – 0	F	BASICS QUIZ 5				100 PTS EACH	
		(20 PTS EACH)					

EXAMS #1 – 3 WILL CONSIST OF TWO TYPES OF ITEMS. FIRST, APPROXIMATELY 15 – 25 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 8 – 12 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 & #2 WILL CONSIST OF APPROXIMATELY 8 – 12 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 – 8 PROBLEMS VERY SIMILAR TO HOMEWORK PROBLEMS WHICH YOU WILL WORK OUT ENTIRELY. QUIZ #3 WILL CONSIST OF TWO QUIZZES, 25 POINTS EACH, OVER A SET OF TRIGONOMETRIC IDENTITIES WHICH I WILL SUPPLY FOR YOU. **I MAY, ON ANY QUIZ, ASK ANY TYPE OF QUESTION, IN ANY FORMAT, FOR ANY NUMBER OF POINTS I DEEM APPROPRIATE.**

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’.**

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’.**

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

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.

HOMEWORK: HOMEWORK WILL BE ASSIGNED NEARLY EVERY DAY ON WHICH MATERIAL IS COVERED IN CLASS. DO THE HOMEWORK.

YOUR GRADE: YOUR GRADE IN THE COURSE COMES ENTIRELY AND ONLY FROM THE SCORES YOU MAKE ON THE EXAMS AND THE QUIZZES. THERE IS NO EXTRA CREDIT.

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 PERCENTAGE WORKS 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 THRESHOLD (ABOVE) **WILL APPLY** EVEN IF AN EXAM SCORE IS REPLACED.

REPLACING EXAM SCORES:

I WILL REPLACE THE MINIMUM OF YOUR EXAM SCORES (ONLY ONCE IF THE MINIMUM OCCURS TWICE) WITH THE SCORE YOU MAKE ON THE FINAL, ASSUMING THIS RAISES YOUR GRADE. NOTE THAT THE ABOVE POLICY OF MINIMUM EXAM SCORES IS STILL IN EFFECT, EVEN IF THAT SCORE IS REPLACES WITH THE SCORE FROM THE FINAL.

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 AND QUIZZES:

IF YOU MAKE A MISTAKE ON AN EXAM OR QUIZ WHICH IS SO AGGREGIOUS AS TO MERIT IT, I MAY DECUCT 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 ONLY BE MADE IN THE CASE OF EMERGENCY RESPONSE PERSONEL AND MUST BE ARRANGED IN ADVANCE.

YOU WILL BE REQUIRED TO OBTAIN AND KNOW HOW TO USE A SCIENTIFIC CALCULATOR. IF YOU USED A CALCULATOR THAT COMPUTED LOGARITHMS IN A PREVIOUS COURSE, THAT WILL BE SUFFICIENT. THERE **WILL** BE PORTIONS OF THE EXAMS AND QUIZZES WHERE YOU **WILL NOT** BE PERMITTED TO USE A CALCULATOR, AND THERE WILL BE PORTIONS WHERE YOU **WILL BE EXPECTED TO USE A CALCULATOR.**

HOWEVER, IN ANY EVENT, 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.

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 ABSENCES EQUIVALENTLY, IRRESPECTIVE OF CAUSE.

FINAL EXAM SCHEDULE:

THE FINAL EXAM FOR THIS COURSE IS

9:00 CLASS: TUESDAY, MAY 6, 2025, 8:00 – 9:50

10:30 CLASS: THURSDAY, MAY 8, 2025, 9:30 – 11:20

FINAL EXAM SCHEDULE FOR THE COLLEGE IS HERE:

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



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>