*Course Syllabus: Trigonometry

Math 1433 Section 201
Spring 2026 MWF 1:00-1:50

*Contact Information

Instructor: Linda Fosnaugh
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Office hours: Monday and Friday 12 – 1 pm, Tuesday and Thursday 12:30-2 pm
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*Course Description

Trigonometric functions, identities, equations, complex numbers

*Textbook & Instructional Materials

For this course you will need WebAssign associated with the textbook Trigonometry by Larson and MathGPT.

You must have a scientific calculator that has trigonometric functions. Bring your calculator to class with you daily. You may use a graphing calculator for daily use, but you may not use a graphing calculator on quizzes or exams. There will be quizzes and exams (or parts of exams) on which you will not be allowed to use a calculator.

Required digital materials for this course are part of the Courseware Access and Affordability Program at MSU Texas. Student are charged for required course materials on their student account with the Business Office. Any students who wish to opt-out of the Program and purchase the required course materials on their own must follow the opt-out instructions which are sent to the students' official my.msutexas.edu email address after the first day of class. Please contact the MSU Bookstore if you have any questions about the opt-out process.

*Computer Requirements

Homework for this course requires you to have access to a computer (with Internet access) to complete assignments. It is your responsibility to have (or have access to) a working computer in this class. ***Assignments are due by the due date, and personal computer technical difficulties will not be***

considered reason for the instructor to allow students extra time to submit assignments. Computers are available on campus in various areas of the buildings as well as the Academic Success Center. ***Your computer being down is not an excuse for missing a deadline!!** There are many places to access your class! Contact your instructor immediately upon having computer trouble If you have technical difficulties in the course, there is also a student helpdesk available to you. The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services. For help, log into D2L**.**

*Study Hours and Tutoring Assistance

The Tutoring and Academic Support Program (TASP), located in Moffett Library, offers free additional tutoring in math as well as other courses. You can find out more about their services by visiting their office or searching TASP on the MSU website.

*Student Handbook

Refer to: *Student Handbook

*Academic Misconduct Policy & Procedures

Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct. *Office of Student Conduct

*Moffett Library

Moffett Library provides resources and services to support student's studies and assignments. The library offers media equipment checkout, reservable study rooms, and research assistance from librarians to help students effectively find, evaluate, and use information. Get started on this *Moffett Library webpage to explore these resources and learn how to best utilize the library.

*Grading

Table 1: Points allocated to each assignment

Assignments	Percentage of final grade
Quizzes	5%
Homework	4%
Exams	72%
Final Exam	19%
Total Points	100%

Table 2: Total points for final grade.

Grade	Points
A	900
B	800 to 899
C	700 to 799
D	600 to 699
F	Less than 600

*Homework

Most homework assignments will be completed in WebAssign, but some may be completed in MathGPT or as a handout. Practice exercises may be given in MathGPT.

You are responsible for keeping track of due dates in WebAssign. You may ask for a homework extension but will lose 15% on the assignment.

Please note that personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments.

Any student who has 7 or more homework assignments with a score of less than 50% may be dropped from Math 1433 with a grade of F. Any student who has 3 assignments with a score of less than 50% will lose 1% from the course grade for each additional incomplete assignment.

*Quizzes

Quizzes will be given frequently, either in person or online. Makeup quizzes are not given for any reason.

*Exams

The tentative dates of the exams are February 13, March 6, April 1 and May 1. The final exam is scheduled on Monday, May 11, 1:00-3:00.

*Make Up Exams

Make-up and exams are not generally given; however, such exams may be given for an absence that is a result of a documented medical or personal emergency. Note that making an appointment during class time is not an excused absence. If an exam is going to be missed due to an approved university activity, the student should request to take the exam early. For missed exams, timely notification (for emergencies, on or before the scheduled day of the exam, and for approved university activities, a week prior to the scheduled day of the exam) is necessary to receive consideration to make up the exam or take the exam

early. Once graded exams have been returned to the class, which usually occurs during the class meeting following the day of the exam, it will no longer be possibly to make up a missed exam. No student will be allowed to make up more than one exam during the semester. No exams may be made up due to a student scheduling a vacation on a day when classes are in session.

*Punctuality and Attendance

Midwestern State University's Attendance Policy, which is contained in the MSU Student Handbook, states that students are expected to attend all meetings of the classes in which they are enrolled. Among other things, the policy covers the university's position on authorized absences, including who students should contact to inform faculty in cases of personal emergency or illness requiring hospitalization or prolonged absence. You may wish to review MSU's Class Attendance Policy within the Student Handbook.

Students should make every effort to arrive to class on time and remain for the entire class period. Arriving late and leaving early is a disruption to the instructor and to fellow students. Emergencies should not be regular occurrences. If you have a medical condition that warrants needing to leave class on a regular basis, please talk to the instructor and provide her with a doctor's note indicating such.

In particular, what you need to know about being late to this class:

1. You will be considered late if you arrive late but within the first five minutes of class.
2. Three late arrivals are considered an absence. Five late arrivals will be considered as two absences. Each late arrival after the fifth will be considered as an absence.
3. Do not leave class in the middle (to go get a drink or go to the restroom) unless it is an emergency. Any student who leaves in the middle of class and returns will be counted as late for the day. A student who habitually leaves class may be dropped from the course.

In particular, what you need to know about being absent from this class:
1. Any student who leaves class without the permission of the instructor is considered to be absent for the class period and any work submitted will not be graded.
2. Any student caught doing work for another class, or being physically present but not mentally present and engaged in class, will be counted absent.
3. A student who arrives more than ten minutes late is counted absent.
4. Use of a cell phone or any other electronic device during class may result in the student's dismissal from class for the remainder of the period, in which case the student is counted absent and any graded work turned in on that day will receive a grade of zero.

5. A student who accumulates more than three unexcused or more than five total (excused and unexcused combined) absences may be instructor dropped from the class with a grade of WF or F. In such cases, an email will be sent to the student using the student's email within D2L, notifying the student.

*Academic Misconduct Policy

All work that you do that contributes to your course grade must be your own work. Any evidence that you submitted work that is not your own is considered an act of academic dishonesty. An act of academic dishonesty will be reported to the university and will result in one of the following academic sanctions:
•Receiving a 0 on the homework, quiz or exam.
•Receiving a 0 for the entire grade category for the semester.
•Receiving an F in Math 1634.
•Receiving an F in Math 1634 that will remain permanently on your transcript and within your MSU GPA.

When taking an exam or quiz you are never to receive outside help of any sort. On homework, you may get assistance from others, but you are responsible for understanding what you submit to be graded, and further, no two students are ever to turn in work that appears to be identical. Teachers can detect when a student is copying homework from someone else in the class. Never let someone borrow your work. If you want to help someone understand how to work a problem, talk to them and give them advice or pointers, but never give them your completed work. In addition, copying solutions from online resources or using online resources to work a problem for you is considered cheating.

*Cell Phone and Earbud Policy

Earbuds are to be removed and cell phones silenced and stored no later than one minute prior to the time class is to start. Stored cell phones are to be placed in a bag/backpack (not on your leg or under your leg or on your chair, etc.) or placed face down on the desk/table in front of you. A student with a cell phone that is not stored away or placed face down on the desk/table will have their phone or other electronic device placed in a time out bag for the duration of the class. In addition, using a cell phone during a test or quiz will result in a grade of zero on the test or quiz, as well as possibly other penalties under the academic misconduct policy. The penalty of a zero may also apply if your cell phone goes off (texts, calls, alarms, etc.) during a test or quiz.

*Important Dates

- Last day for term schedule changes: Check date on *Academic Calendar.
- Deadline to file for graduation: Check date on *Academic Calendar.
- Last Day to drop with a grade of "W:"Check date on *Academic Calendar.
- Refer to: *Drops, Withdrawals & Void

*Desire-to-Learn (D2L)

Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into *D2L through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor.

*Change of Schedule

A student dropping a course (but not withdrawing from the University) within the first 12 class days of a regular semester or the first four class days of a summer semester is eligible for a100% refund of applicable tuition and fees. Dates are published in the Schedule of Classes each semester.

*Refund and Repayment Policy

A student who withdraws or is administratively withdrawn from Midwestern State University (MSU) may be eligible to receive a refund for all or a portion of the tuition, fees and room/board charges that were paid to MSU for the semester. HOWEVER, if the student received financial aid (federal/state/institutional grants, loans and/or scholarships), all or a portion of the refund may be returned to the financial aid programs. As described below, two formulas (federal and state) exists in determining the amount of the refund. (Examples of each refund calculation will be made available upon request).

*Services for Students with Disabilities

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Student Wellness Center, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to *Disability Support Services.

*College Policies

Campus Carry Rules/Policies

Refer to: *Campus Carry Rules and Policies

Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. Adult students may smoke only in the outside designated-smoking areas at each location.

Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

Campus Carry

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes has prohibited. The new Constitutional Carry law does not change this process. Concealed carry still requires a License to Carry permit, and openly carrying handguns is not allowed on college campuses. For more information, visit *Campus Carry.

Active Shooter

The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor. Please review the information provided by MSU Police Department regarding the options and strategies we can all use to stay safe during difficult situations. For more information, visit *MSUReady – Active Shooter. Students are encouraged to watch the video entitled "*Run. Hide. Fight.*" which may be electronically accessed via the University police department's webpage: *"Run. Hide. Fight."

*Grade Appeal Process

Update as needed. Students who wish to appeal a grade should consult the Midwestern State University *MSU Catalog

***Notice:** Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor.

*Course Topics

The following topics may be covered in this class.

Angles
Trigonometric functions
Graphs of trigonometric functions
Trigonometric equations
Inverse trigonometric functions
Trigonometric identities
Applications of trigonometric functions (such as right triangles, law of sines, law of cosines)
Polar coordinates
Conic sections
Complex numbers
Vectors

*Learning Outcomes

Upon successful completion of Math 1433, a student will be able to compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians, graph trigonometric functions and their transformations, prove trigonometric identities, solve trigonometric equations, solve right and oblique triangles and use the concepts of trigonometry to solve applications.