



Course Syllabus: College Algebra and Co-requisite

College of Mathematics
MATH 1233-0233 Section 2R2
Semester and Course dates

Contact Information

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Course Description

Math 1233 Description: In-depth study of polynomials, rational, radical, exponential and logarithmic functions, including applications for these functions and methods for solving related equations and inequalities. Additional topics, such as systems of linear equations, may be included. (This course is designed for students planning to take additional mathematics.)

MATH 0233 description: This course supports students in developing skills, strategies, and reasoning needed to succeed in Contemporary Mathematics.

Textbook & Instructional Materials

Required digital materials for this course are part of the Courseware Access and Affordability Program at MSU Texas. Students 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 sent to 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. When using MyLab for the first time, you may need to run a browser check and download necessary plug-ins.

You should have a calculator that will add, subtract, multiply, divide and take square roots, and exponentiate. You will not need a graphing calculator, though you are welcome to use one. You are expected to bring your calculator to class

each day. You may not use a phone or any device with internet access as a calculator during exams.

Study Hours and Tutoring Assistance

Tutoring and Academics Support Program (TASP) offers learning center hours. TASP's Learning Center (TLC). Located on the first floor of Moffett Library, TASP's Learning Center offers drop-in tutoring support for most general subject areas including but not limited to Writing, Math, Science, Psychology, History, and Foreign Languages. Students check in to work one-on-one with a tutor typically for an hour regarding specific concepts. To check the availability of tutors in a specific subject area, consult the tutoring link below. The Learning Center observes all campus holidays and closures.

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, including books, peer-reviewed journals, databases, and multimedia materials accessible both on campus and remotely. 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

Course Grade – Your grade will be based on Homework (done in MyMathLab), Quizzes (in class or within MyMathLab or within D2L), and Exams. The grade distribution will be no stricter than the following: A is 90%-100%, B is 80%-89%, C is 70-79%, D is 60-69%, and F is below 60%.

Table 1: Percentage allocated to each assignment grade with a grade computed as a weighted average

Assignments	Points
Quizzes (10 at 35 pts each)	10%
Homework	8%
Exam 1	10%
Exam 2	10%
Exam 3	14%
Exam 4	14%
Exam 5	14%
Final Exam	20%

At the end of the semester, the course grade for Math 0233 (Developmental Support) will be computed using the following formula.

Math 0233 grade = maximum of the average grade after exam 2 or Math 1233 grade + 10% of homework average.

Student Initiated Drop from Math 0233 and Math 1233

Students who are enrolled in Math 0233 because they are not TSI-complete in mathematics are not allowed to drop either course until March 20, 2026. Further, the last day to drop any course on campus is Wednesday, April 29, 2026, by 4 pm.

March 20 through April 29, you have two options for dropping, as described below.

- (1) You may drop both Math 0233 and Math 1233 with a W.
- (2) You may choose to drop MATH 1233 but not drop MATH 0233. Your Math 0233 grade will be given as your current course average in MATH 1233 as of Test 2. You now have 2 options:
 - a. At the end of the semester, I will record your MATH 0233 grade as your average in MATH 1233 as of test 2. You will not be required to attend any further classes. The next semester, you will repeat both co-requisite courses.
 - b. You can request an ALEKS access code paid for by MCOSME to work through self-paced preparatory material for an algebra-based college level course. During the week of final exams, you will take a proctored in-person exam over developmental material or retest on the TSIA2 – math portion. If you are successful on the proctored assessment or TSIA2 retest, I will record a C for MATH 0233, and you will now be TSI complete. If you are not successful on the proctored assessment or TSIA2 retest, I will record your MATH 0233 grade as your average in MATH 1233 as of test 2, and you will have a \$25 charge added to your MSU account to repay MCOSME for the ALEKS access.

How to become TSI complete Algebra Based

Students who complete Math 0233 with a C or better will be TSI-complete Algebra-based at end of the fall semester. Credits earned for Math 0233 do not

count as hours towards graduation. Math 1233, College Algebra, is a college-level core math course. Passing Math 1233 will satisfy the university's core math requirement. Earning a C or better is required to enroll in any math course in which College Algebra is a prerequisite.

Note: A student that does not attain TSI-complete status in mathematics will be required to enroll in a core math course along with its developmental support course until such status is attained.

Homework

The online homework for this course is via MyLab Math, which you can access through a link in D2L. Homework will be assigned using the MyLab system. Problems may be worked as many times as you like, so a near perfect homework score should be attainable. Homework for each chapter will be due each week as posted in the assignments calendar; you are encouraged to work on homework after each class period. After the unit exam related to a homework assignment, that homework score will be final.

Quizzes

Some quizzes will be given in MyLab Math online accessed through D2L over the course of the semester while other quizzes may take place in class. No make-up quizzes will be given. A missed quiz will result in a grade of 0 on that quiz. There will be 1 dropped quiz from Unit 1 and 1 dropped quiz from Unit 2.

Exams

There will be five in person exams on the following dates. Exam 1 February 5th, Exam 2 February 26th, Exam 3 March 19th, Exam 4 April 14th, Exam 5 May 5th. Additionally, there will be a Final Exam that takes place during the University final exam week May 13th from 1:00pm to 3:00pm. Calculators will be allowed the exam will be last the duration of the class time. Cell phone use is strictly prohibited during all exams.

Extra Credit

Under the usual circumstances there will be no extra credit assignments due to the ability to score near perfect on homework assignments.

Late Work

Homework assignments per unit may be turned late until that respective exam for a late penalty of 25%. Late quizzes are generally not accepted.

Make Up Work/Tests

Under some circumstances Exams may be made up. Generally, this will require the student to provide reason of their missed exam to the Dean of Students and

provide any required information they request. However, there is no guarantee exams will be excused. Athletes that have a university excused absence must provide their documentation 2 days before their absence and must schedule and attend their make-up exams within 2 class days of returning.

Important Dates

- Last day for term schedule changes: January 23rd. Check date on [Academic Calendar](#).
- Deadline to file for graduation: February 16th. Check date on [Academic Calendar](#).
- Last Day to drop with a grade of "W": April 29th. 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.

Attendance

Students are expected to attend all meetings of the classes in which they are enrolled. There will be a physical sign in sheet to initial in class each day of the course. This includes staying on task and doing scholarly work during class. Using phones or devices for personal recreation will invalidate any attendance taken for the day even if the attendance sheet is initialed. Severe cases of excessive absences may result in a drop from the course. There will be a written warning prior to being dropped from the class, the attendance sheet will be used to verify these absences before a drop takes place.

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 quiz grade for the semester (10%) or the entire homework score for the semester (8%).
- Receiving an F in MATH 0233 and/or MATH 1233.
- Receiving an F in MATH 0233 and/or MATH 1233 that will remain permanently on your transcript and within your MSU GPA.

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 is considered cheating.

The [Grade Appeal Checklist](#) provides the timeline for appealing from the instructor to the next in line (dean of the college). The [Academic Honesty Checklist](#) describes the timeline for appealing from the instructor to the next in line (chair of department) and who must be notified of academic honesty infractions.

Cell Phone Policy

Please turn these off or place on silent prior to the beginning of class. All cell phones must be put away or placed face down on the desk/table in front of you. Use of a cell phone or any other electronic device (including earbuds) for personal use 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. Continued violation of the no electronics use policy may result in a referral to the Dean of Students and/or the student may be withdrawn from the class by the instructor. Using a cell phone during a test or quiz will result in a zero for that assignment.

Punctuality and Attendance

There will be a physical sign in sheet to initial in class each day of the course. This includes staying on task and doing scholarly work during class. Using phones or devices for personal recreation will invalidate any attendance taken for the day even if the attendance sheet is initialed. Severe cases of excessive absences may result in a drop from the course. There will be a written warning prior to being dropped from the class, the attendance sheet will be used to verify these absences before a drop takes place. 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 instructors and to fellow students.

What you need to know about being absent from this class:

1. Any student caught doing work for another class, or being physically present but not mentally present and engaged in class, will be asked to leave and will be counted absent.
2. A student who arrives more than eleven minutes late is considered absent.
3. A student who accumulates six absences may be instructor dropped from both Math 0233 and Math 1233 with grades of F. In such cases, an email will be sent to the student using the student's email within D2L, notifying the student.

Online Computer Requirements

This class requires you to have access to a computer (with Internet access) to complete your homework and quiz 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 homework. Our online homework can be accessed from any computer in the world which is connected to the internet. If you have technical difficulties with the website, there is also a student tech support from Pearson available to you. 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](#).

Instructor Class Policies

Students are expected to attend each class and remain on task during lectures. When emailing the instructor students must record the first part of the subject line as MATH 1233 or some emails may not be found. In any event where the

course needs to meet online as a university mandated transition we would retain the normal in-person course meeting times.

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 a 100% 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."](#)

Assessment of Core Objectives: Samples of students' work from embedded final exam questions will be used in the assessment of critical thinking, communications skills and empirical and quantitative skills.

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.

Topics

We may be covering topics from the following list.

- Solving linear relations
- Factoring
- Exponents and radicals

- Functions and relations
- Algebra of functions
- Transformations of functions
- Inverse Functions
- Complex numbers
- Properties, graphs, equations, inequalities, and applications of the following types of functions:
 - Linear
 - Polynomial
 - Rational
 - Radical
 - Exponential
 - Logarithmic

Course Schedule:

Below is a tentative schedule for each unit of the course.

Unit	Relevant Unit Chapters	Exam Date
Unit 1.1 1/20 to 2/5	Chapters 1 and 2	Exam 1 February 5 th
Unit 1.2 2/6 to 2/26	Chapters 4, 5, and 6	Exam 2 February 26 th
Unit 1.3 2/27 to 3/19	Chapter 7	Exam 3 March 19 th
Unit 2.1 3/20 to 4/14	Chapter 8 and 6.8	Exam 4 April 14 th
Unit 2.2 4/15 to 5/5	Chapter 9	Exam 5 May 5 th
Final Review 5/6 to 6/8	Cumulative content exam	Final Exam May 13 th 1:00pm to 3:00 pm