Course Syllabus: Math Analysis for Business
McCoy College of Science, Mathematics & Engineering
Math 1203.2R1 and Math 0203.2R1
SPRING 2026

Contact Information

Instructor: Mrs. Sandra Belcher
Office: BO122 J
Office hours: Monday, Wednesday, Friday 9-10 am Tuesday and Thursday 9:30-10:30
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Course Description
This co-requisite pair of courses supports students in developing skills, strategies, and reasoning needed to succeed in MATH 1203 – Math Analysis for Business. Topics in MATH 1203 include a review of algebra including linear and quadratic functions, the mathematics of finance including sinking funds and amortization, and systems of linear equations/inequalities including matrices and elementary linear programming.

Class Meeting Days, Times, Location
Monday, Wednesday and Friday, 8:00 am – 8:50 am, in BO 143
and
Tuesday and Thursday, 8:00 am – 9:20 am in BO 143

Textbook & Instructional Materials
Required**:** MyMathLab for the text Finite Mathematics for Business, Economics, Life Sciences and Social Sciences (14th ed) by Barnett. 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 do so prior to the opt-out date.

Additional Information: There is an eBook within MyMathLab, so purchasing a print copy is optional.

Calculator Suggestion: A calculator that has exponential and logarithmic function keys is necessary after Test 3. A calculator with matrix functions will be helpful. Not all scientific calculators will have a Matrix Editor but all graphing calculators will have these features. The instructor will utilize a TI-84 model. No cell phones may be used on tests or quizzes.

Grading for Math 1233

Course Grade – Your grade will be based on Homework (done in MyMathLab), Quizzes (in class or within MyMathLab or within D2L), and Exams. Grades for Math 1203 (Math Analysis for Business) will be calculated using the following weights. The standard 90-80-70-60 grading scale will be used to assign course grades.

Homework Average	8%
Quizzes	10%
Exam 1	10%
Exam 2	10%
Exam 3	14%
Exam 4	14%
Exam 5	14%
Final Exam (1203)	20%

Grading for Math 0203: At the end of the semester, the course grade for Math 0203 (Developmental Support) will be computed using the following formula.
*Math 0203 grade = max(grade after exam 2, Math 1203 grade + 10% of homework average).
Note that there is no extra credit given in these courses.

Taking Notes During Class

You are expected to take notes during every class/lecture, or if lecture is given through videos, then while watching the video lectures. These notes should be clear and legible so that you can refer to them while completing your homework or studying for the course. I reserve the right to ask students to upload a copy of their class notes to D2L at any time, which may be graded for completion and correctness. A notebook or binder should be used to keep your notes organized.

Homework

Homework will be assigned daily over the material that is covered in class. Homework is accessed through D2L on the D2L homepage for Math 1203 by clicking on Content then Pearson Course Materials then Open MyLab and Mastering. Due dates will be assigned, announced in class, and will be included with each assignment within MyMathLab.

**Any student who fails to complete 7 or more homework assignments may be dropped from both Math 0203 and Math 1203 with grades of F.

Late Homework

There are due dates given within MyMathLab for each assignment. Each due date time is 11:59 pm on the day the homework assignment is due. Students may work on an assignment past the due date for two additional days, but there will be a 25% penalty on any problem completed during this late period. Problems within a homework assignment that are completed before the time the assignment is due are awarded full credit. Once an assignment has passed its final due date, you may access it through the MyMathLab Gradebook and work on problems within the assignment without changing your grade on the assignment.

Quizzes

Quizzes will be given frequently. Some quizzes may be given outside of class within D2L or MyLabMath, and others will be given on paper during class. The quizzes will be short, and there will be a time limit on each quiz. Make-up quizzes will not be given.
I will drop the lowest three quiz scores at the end of the semester. However, I will not drop any zeros given for academic dishonesty.

Exam Dates

The tentative exam dates are as follows:
Exam 1:   Thursday, February 5, 2026
Exam 2:   Thursday, February 19, 2026
Exam 3:   Thursday, March 19, 2026
Exam 4:   Tuesday, April 14, 2026
Exam 5:   Tuesday, May 5, 2026
Final Exam: Wednesday, May 13, 2026   8:00 – 10:00

Exam 1 covers topics of linear equations and inequalities, business applications resulting in linear equations and inequalities, simplication of algebraic expressions, multiplying polynomials, and factoring polynomials.
Exam 2 covers topics of linear graphing, writing equations of lines, and business applications of linear equations.
Exam 3 covers topics of function definitions and notation, domain of functions, graph transformations, solving quadratic equations, and standard and vertex form of quadratic functions and applications.
Exam 4 covers topics of exponential functions and equations, exponential graphs, logarithmic functions and equations, simple and compound interest, annuities present and future value.
Exam 5 covers topics of solving systems of linear equations algebraically, introduction to matrices, solving system of equation by matrices, business applications that result in systems of equations, linear inequalities, systems of linear inequalities, and linear programming.
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.

Final Exam

The final exam is comprehensive and is required by all students in order to complete the course. Failure to take the final exam during the prescribed time will resut in a grade of 0. In certain circumstances, the grade on the final exam can replace the lowest test grade.

Make Up Exams

Make-up 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. 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.

Desire-to-Learn (D2L)

You can log into [D2L](#) through the MSU Homepage. On the D2L page for Math 1203, I will post any announcements and reminders that I feel will be helpful as we go through the semester. I may post links to math videos that I assign you to watch I will also post grades within D2L. Students are encouraged to download the BrightSpace Pulse App to access D2L without going to the MSU homepage.

Student Initiated Drop from Math 0203 and Math 1203

Students who are enrolled in Math 0203 because they are not TSI-complete in mathematics are not allowed to drop either course until March 23, 2026. Further, the last day to drop any course on campus is Wednesday, April 29, 2026, by 4 pm. March 23 to April 29, you have two options for dropping, as described below.

(1)   You may drop both Math 0203 and Math 1203 with a W.

(2)   You may choose to drop MATH 1203 but not drop MATH 0203. Your Math 0203 grade will be given as your current course average in <u>MATH 1203</u> as of Test 2. You now have 2 options:

   a. At the end of the semester, I will record your MATH 0203 grade as your average in MATH 1203 as of test 2. You will not be required to attend any further classes. The next semester, you will repeat both co-requisite courses if your grade in MATH 0203 is a D or F.

   b. March 23 to April 6 ONLY 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 0203, and you will now be TSI complete. If you are not successful on the proctored assessment or TSIA2 retest, I will record your MATH 0203 grade as your average in MATH 1203 as of test 2, and you will have a $30 charge added to your MSU account to repay MCOSME for the ALEKS access.

How to become TSI complete Algebra Based

Students who complete Math 0203 or Math 1203 with a C or better will be TSI-complete Algebra-based at end of the fall semester. Credits earned for Math 0203 do not count as hours towards graduation. Math 1203, Math Analysis for Business, is a college-level core math course. Passing Math 1203 will satisfy the university's core math requirement.

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.

When you need help with this course, where can you go?

1. To your professor's office Bolin 122 J.
   - You can attend scheduled office hours or request another time for help.

- You should have with you both your notes and all of the related work that you have done over the topics you are seeking help with.

2. The *Tutoring and Academic Support Program* (*TASP*), located in Moffett Library, offers 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. They offer tutoring Monday through Thursday 11:00am-6:00pm and Sunday 2:00pm-9:00pm.

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.
- Receving 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 0203 and/or MATH 1203.
- Receiving an F in MATH 0203 and/or MATH 1203 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 phones off or place on silent prior to the beginning of class. 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 one of the penalties listed under the academic misconduct policy given above.

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 instructors 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.

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 ten minutes late may be considered absent.
3. A student who accumulates eight absences (combined total from both courses) may be instructor dropped from both Math 0203 and Math 1203 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.

Technology Requirements
Some quizzes and exams may be given online in this course. These quizzes and exams may be proctored. You are required to have access to technology that allows for online proctoring (such as the Respondus Monitoring and Lockdown Browser through D2L). In particular, you will need access to a computer with a webcam (not a Chromebook or a cell phone, ipads are compatible but not any other type of tablet) with the ability to download/use the appropriate D2L software.

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.

Campus Carry and Active Shooter Rules/Policies
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 as 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 Safety / Emergency Procedures. 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."*