

MATH 1111-07 | College Algebra | Spring 2025 (Full Session)

Section 1: Instructor Information

Instructor: Dr. Abby Noble

Email: abby.noble@mga.edu

Office: Math 120 (Macon) & virtually through Microsoft Teams

Office Phone: 478.475.8619 (not as useful as Teams or email!)

Office Hours: Mon/Wed: 10:30am-noon, 1:45-2:45pm; Tues: 11am-2pm; or by appointment (send me an email or Teams message to let me know and we'll look for a time that works for both of our schedules)

Contacting Dr. Noble

Contact Method	Information
✔ Email through MGA account	I check this regularly during weekday business hours. Expect a response within 1 school day, often much sooner. Emails sent during evenings and on the weekend will have a longer response time. Please use your MGA account to send your email as I cannot discuss course business (especially grades!) if I can't verify who you are as is the case of non-MGA accounts.
✔ Microsoft Teams chat message	I keep this on during Office Hours and you can expect a fairly quick response (think minutes, not hours!) if I am not busy assisting another student. From the chat box we can switch to voice chat, video chat, or screen share if needed. If it is not during Office Hours, response time will vary but I'll get back to you within 1 school day, though often sooner. Messages sent during evenings and on the weekend will have a longer response time.
✔ Stopping by my office	If it's during Office Hours, and I'm not with another student (in-person or virtually) then I will be available as soon as you arrive! If it's not during Office Hours, I can't guarantee my availability without an appointment. You're welcome to stop by, but I may have other responsibilities (other classes to teach/prepare or meetings to attend) that keep me from helping at that time.
✗ Email through Brightspace/D2L	I will not see this as quickly as I do my MGA email, nor does it have many of the features of MGA email. I prefer that you use another method of contact.
✗ Calling my office phone	This is probably the least effective way to contact me, as I must be physically in my office to answer it and to call you back. Email or Teams will get a quicker response.

Section 2: Course Information

This is a Core IMPACTS course that is part of the **Mathematics** area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help master course content and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:

- How do I measure the world?

Completion of this course should enable students to meet the following Learning Outcome:

- Students will apply mathematical and computational knowledge to interpret, evaluate, and communicate quantitative information using verbal, numerical, graphical, or symbolic forms.

Course content, activities, and exercises in this course should help students develop the following Career-Ready Competencies:

- Information Literacy
- Inquiry and Analysis
- Problem-Solving

CRN: 24225

Campus: Macon

Location: Math 206

Meeting Time: Mon./Wed. 12:30-1:45pm

Prerequisites:

At least a C in MATH 1001 or MATH 1101, or high school GPA of at least 3.4

Course Description:

This course is designed for students who plan to take MATH 1112, MATH 1113, or MATH 2120. It provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. (3 Credit Hours)

Required Materials:

- Activity Manual: [Precalculus for Team-Based Inquiry Learning](#) by Tonya DeGeorge, Abby Noble, and Kathy Pinzon
- Supplementary textbook: [OpenStax College Algebra](#)
- Online homework: [MyOpenMath](#) account. Course ID: 257150. Enrollment key: algebra!

Technology Requirements:

- Scientific calculator. My recommendations are:
 - [TI-30XS Multiview](#)
 - [Casio fx-300ES PLUS 2nd Edition](#)
 - [Desmos Scientific calculator](#) Note: This one is okay for class and while doing homework, but you will need an actual calculator for our graded in-class assignments.
- [Microsoft Teams](#) for course communication, such as messages and video calls. Microsoft Teams is free for MGA students with the same user ID and password as your MGA email account.
- A computer or iPad with reliable high-speed Internet connection.
- Regular access to Brightspace/D2L and MGA email accounts.

MGA Campus Store Costs:

There is no cost for the materials in our course. The recommended scientific calculators can be found for around \$15-\$20.

Student Learning Outcomes:

Upon completion of this course the students will be able to:

- Express relationships using the concept of a function and use verbal, numerical, graphical, and symbolic means to analyze a function.
- Model situations from a variety of settings by using polynomial, exponential, and logarithmic functions.
- Manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical, and symbolic form while solving a variety of problems which involve polynomial, exponential, or logarithmic functions.
- Apply a variety of problem-solving strategies, including verbal, algebraic, numerical, and graphical techniques, to solve multiple-step problems involving polynomial, exponential, logarithmic equations and inequalities and systems of linear equations.
- Shift among the verbal, numeric, graphical, and symbolic modes to analyze functions.
- Use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations.

Section 3: Course Assessment

Types of Assignments

Type of Assignment	Description
Homework (in MyOpenMath)	Each learning objective we cover in class will have a corresponding homework assignment where you practice on your own. You have unlimited attempts at the homework.

Readiness Assessment	This is an assessment composed of review topics that a student should be familiar with coming into College Algebra. Proficiency of these topics is vital for succeeding in the course. There are assignments in MyOpenMath to help you prepare for the assessment. We will take the assessment once in class, and then subsequent attempts can be signed up for once every other week during office hours until February 26.
Checkpoints (CPs) of Learning Objectives (LOs)	Checkpoints are assessments that will consist of multiple Learning Objectives. The CPs are graded by a methodology called standards based grading. Instead of receiving one percentage grade for the entire CP, you will be assessed on whether or not you demonstrated excellence on each of the individual Learning Objectives. Your grade in the course will be partly based on how many of these Objectives you demonstrate excellence on. Each Learning Objective will show up multiple times throughout the course. On a CP, you will not receive a numerical score or a percentage. Instead, for each Learning Objective on that assessment, you will get feedback based on one of three categories. • Excellent (E): An E represents outstanding work that clearly shows mastery of the learning objective. To earn an E for a Learning Objective, you must answer all questions correctly and show work that supports your answers. A small error not related to the learning objective may be acceptable. • Minor Revision Needed (M): You've done well, but have a minor mistake not directly related to the Objective being assessed. These usually fall into two main categories: arithmetic mistakes or poor presentation/explanation/notation. Instructions will be posted in D2L for making these revisions and resubmitting to potentially earn an E. • Not Yet (N): Work that does not meet the guidelines for an E or M will earn a grade of Not Yet. You will need to reassess at a later date to earn credit for that Learning Objective.
Weekly Check-Ins	Each week there will be a short assignment in the Quiz section of D2L where you will check in with me. You'll answer a few questions about your progress in the course the past week, then let me know if you have any questions or concerns. These are optional, however, for every two Weekly Check-Ins you complete you will earn one reattempt of a Learning Objective on the Final Exam day. This is the ONLY way to be able to reattempt old Learning Objectives that day, so it is in your best interest to complete the Check-Ins so that you will have them available in case you need them.

Record of Grades

All grades are recorded in D2L. Any assignments done in MyOpenMath will also be recorded in MyOpenMath.

Course Grade

Your letter grade for the course determined using the table below. To earn an A, B, C, or D, you must meet **all criteria** listed in its column. It helps to consider your grade as a checklist of goals to meet.

	A	B	C	D
Homework Average	at least 90%	at least 80%	at least 70%	at least 60%
Readiness Assessment	at least 90%	at least 80%	at least 70%	at least 60%
Learning Objectives (out of 20 total)	E on at least 18 LOs, and second E on at least 10 (of 12) core LOs	E on at least 16 LOs, and second E on at least 8 (of 12) core LOs	E on at least 14 LOs, and second E on at least 4 (of 12) core LOs	E on at least 12 LOs

If you do not meet the requirements for an A, B, C, or D, you will have earned an F in the course.

Section 4: Policies & Additional Information

University Policies

In addition to the course specific policies listed below, students are expected to be aware of and comply with all MGA policies found at <https://www.mga.edu/center-excellence-teaching-learning/syllabi-policies.php>.

Important Dates

Date	Description
1/8	First day of full-session classes
1/14	Last day for schedule changes (Drop/Add ends)
1/17	Last day to complete attendance requirements to remain in the course
1/20	Martin Luther King Jr. Day Holiday (campus closed)
3/12	Last day to withdraw and receive W instead of WF
3/17-3/21	Spring Break (no classes)
4/30	Last day of full-session classes
5/1-5/6	Final Exams

Attendance Verification

Students are required to attend the course by **January 16** to avoid being reported to the Office of the Registrar for non-attendance. If a student does attend class before this deadline, they will be reported as a no-show and dropped from the course. See [the No-Show Reporting page](#) for more information.

Attendance and Participation Expectations

Class attendance is expected for this course, and attendance will be taken every day. Students that show up to class prepared tend to do much better than students that routinely miss class. In fact, students with many absences generally do not pass the course because they have not learned the material well enough to pass their assignments.

Students who are absent from class for two consecutive weeks will be withdrawn from the course and assigned a W (before mid-semester) or WF (after mid-semester).

Academic Honesty

On **Homework** you may use your notes, calculator, and any other resources to help you learn the material. You may seek out help from classmates, your instructor, and/or a tutor, but they should not do the work for you. Your goal is to learn the topic well enough that you can do it on your own.

On **Checkpoints** and the **Readiness Assessment** you may use your scientific calculator and the MATH 1111 formula sheet, but no other notes or resources of any kind. Your work must represent your own understanding. You may not receive help from any other person or source. All Checkpoints are taken in class.

If academic dishonesty occurs on an assignment, the student will not get any credit for that assignment. The academic infraction will be reported to the Office of Student Affairs. For a subsequent violation, the student will be reported again to the Office of Student Affairs, and the student will receive a grade of F for the course.

Delayed Opening or Closing of the University:

If there is a delayed opening or early closing of the university (generally for inclement weather) that affects our course, instructions for the continuation of the course will be sent to your MGA email and/or posted in D2L.

Tutoring at the MARC

The MARC is MGA's Mathematics Academic Resource Center. We offer free tutoring for most math courses. Tutoring can be in person or online, by appointment or walk-in. We are equipped with computers, textbooks, whiteboards, calculators, and study notes to provide students with a space to study. For hours, locations, and booking please visit <https://www.mga.edu/computing/mathematics-statistics/marc>.

Student Use of AI in Coursework

To maintain a culture of integrity and respect, generative AI tools should not be used in the completion of course assignments unless an instructor for a given course specifically authorizes their use. Some instructors may approve of using generative AI tools in the academic setting for specific goals. However, these tools should be used only with the explicit and clear permission of each individual instructor, and then only in the ways allowed by the instructor.

In this course, students are not allowed to use AI for any graded assignments. Anything submitted for grading must represent the student's own work. This is considered an Academic Honesty violation as AI is not a resource allowed on our course assignments.

Section 5: Tentative Course Schedule

A tentative course calendar can be found on our Course Schedule which is linked below. This schedule is subject to change, and any such changes will be announced in D2L and updated on the Course Schedule.

[MATH 1111 Course Schedule](#)

This syllabus is subject to change at the discretion of the instructor.