

MATH 1111

Section: 1 (30009)

College Algebra

Spring_2026



**Abraham Baldwin
Agricultural College**

Instructor Information

April Abbott

aabbott@abac.edu

Office Location: Britt 225

Office Phone: 2293915160

Office Hours

Monday & Wednesday: 8am to 9:45am, 2pm to 5pm

Tuesday & Thursday: 8am to 10:45am, afternoons by appointment

Friday: 8am to 9:45am

Course Description

"MATH 1111: This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis is placed on the study of linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions, their graphs and applications. Prerequisite(s): Minimum placement requirements established by the University System of Georgia
https://www.usg.edu/academic_affairs_handbook/section2/C769. "

Credit Hours

3

Contact Hours

3

Class Meeting and Location

Meeting Information: Health Sciences + Health Ctr Rm: 0242 Days=M W F

Time=10:00-10:50

Location: Tifton

Course Learning Outcomes

1. Demonstrate the ability to graph, compute with, and solve application problems with the set of real numbers, and simplify expressions with complex numbers.
2. Graph and operate with basic functions, demonstrate the ability to use the field properties of $\mathbb{R}$ identities, inverses, and commutativity for these operations.
3. Demonstrate the ability to use the remainder theorem, factor theorem, and the fundamental theorem of algebra to solve polynomial and rational equations and inequalities.
4. Determine coordinates and interpret uses for the following functional notions: zeros, relative maximums and minimums, points of inflections, and intervals of increasing or decreasing values.
5. Use a graphing calculator to model real life problems with functions by organizing, analyzing, interpreting, and making inferences from ordered pairs of data. This will include modeling with both polynomial and exponential regression and the use of correlation coefficients.
6. Demonstrate the ability to transform information from one representational system to another (verbal, numeric, graphs, symbolic).
- 7.

CORE Impacts

IMPACTS Domain: Mathematics & Quantitative Skills (Area A2)

IMPACTS Statement: Students will demonstrate a strong foundation in mathematical concepts, processes, and structure, including the ability to solve multiple-step problems through varied modes of reasoning (inductive, deductive, or symbolic).

Orienting Question(s): How do I measure the world?

Learning Outcome(s): Students will apply mathematical and computational knowledge to interpret, evaluate, and communicate quantitative information using

verbal, numerical, graphical, or symbolic forms.

Career-Ready Competencies: Problem-Solving, Information Literacy, Inquiry and Analysis

Required Textbooks and Course Materials

OpenStax Algebra and Trigonometry (Free Textbook)

Course Schedule

2026 Spring TENTATIVE SCHEDULE

MATH 1111 College Algebra (M & W & F)

MONDAY	WEDNESDAY	FRIDAY
	First Class 1/14/2026	1/16/2026
	Unit 1-1 (Expressions)	Unit 1-2 (Factoring Expressions)
1/19/2026	Roster Verification 1/21/2026	1/23/2026
MLK	Unit 1-3 (Linear Equations)	Unit 1-4 (Quadratic Equations)
1/26/2026	1/28/2026	1/30/2026
Unit 1-5 (Solving Other Equations)	Review	Test 1
2/2/2026	2/4/2026	2/6/2026
Unit 2-1 (Functions)	Unit 2-2 (Domain and Range)	Unit 2-3 (Function Operations)
	2/11/2026	

MONDAY	WEDNESDAY	FRIDAY
2/9/2026 Unit 2-3(Function Operations)	Unit 2-4 (Transformations)	2/16/2026 Unit 2-4 (Transformations)
2/16/2026 Review	2/18/2026 Test 2	2/20/2026 Unit 3-1 (Linear Equations)
2/23/2026 Unit 3-1 (Linear Equations)	2/25/2026 Unit 3-2 (Systems of Linear Eqs)	2/27/2026 Unit 3-3 (Quadratic Functions)
3/2/2026 Unit 3-3 (Quadratic Functions)	3/4/2026 Review	3/6/2026 Test 3
3/9/2026 Unit 4-1 (Polynomials)	3/11/2026 Unit 4-1 (Polynomials)	3/13/2026 Unit 4-2 (Dividing Polynomials)
3/16/2026 Unit 4-3 (Zeros of Polynomials)	3/18/2026 Unit 4-3 (Zeros of Polynomials)	3/20/2026 Unit 4-4 (Rational Functions) 3/27/2026
3/23/2026 Spring Break	3/25/2026 Spring Break	Spring Break
3/30/2026	Withdraw Deadline (Friday) 4/1/2026	4/3/2026

MONDAY	WEDNESDAY	FRIDAY
Unit 4-4 (Rational Functions)	Unit 4-4 (Rational Functions)	Review
4/6/2022	4/8/2026	4/10/2026
Test 4	Unit 5-1 (Composition and Inverses)	Unit 5-1 (Composition and Inverses)
4/13/2026	4/15/2026	4/17/2026
Unit 5-2 (Exponentials, Interest Problems)	Unit 5-2 (Exponentials, Interest Problems)	Unit 5-3 (Logarithmic Functions)
4/20/2022	4/22/2026	4/24/2026
Unit 5-3 (Logarithmic Functions)	Unit 5-4 (Log Properties and Log Eqs)	Review
4/27/2026	4/29/2026	5/1/2026
Test 5	Review for Final	Review for Final
Last Class 5/4/2026	5/6/2026	
Review for Final	Reading Day	Finals Week

Final Time: Monday, May 11 2026 from 10:15am to 12:15pm

Schedule above is subject to change.

Grading Assessments and Grading Scale

How will your grade be determined?

Letter	
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

Tests 50%

Online Practice Tests 10%

MyOpenMath Online Homework 20%

Final 20%

Course Assessments

UNIT 1 Assigned Homework, Quiz, and Unit Test

UNIT 2 Assigned Homework, Quiz, and Unit Test

UNIT 3 Assigned Homework, Quiz, and Unit Test

UNIT 4 Assigned Homework, Quiz, and Unit Test

UNIT 5 Assigned Homework, Quiz, and Unit Test

College Policy on Attendance

Courses at ABAC are provided for the intellectual growth and development of students. The interaction with instructors and other students is an essential element of the learning process, and a high correlation exists between class attendance and course grades. Therefore, to attain maximum success, students should attend all their classes, be on time, and attend all scheduled course activities. Absence from class does not excuse students from full responsibility for classwork or assignments missed. Students must accept this responsibility.

Individual instructors will establish attendance policies for each class, which are published in the course syllabus. The penalty for absences is at the discretion of

the instructor and may include failure of the course. Students who stop attending class without officially withdrawing will receive a grade for the course.

Instructor Attendance Policy

Students are expected to attend class each session. A record of your attendance will be kept and sent to the Registrar with your final grade. **An excused absence will be required for all make-up exams.**

In order of an absence to be excused, appropriate documentation (doctor's notice, authorization from the Vice President, etc.) must be submitted to the instructor.

College Policy on Academic Dishonesty

Academic irregularities include, but are not limited to, giving or receiving unauthorized assistance in the preparation of any academic assignment; taking or attempting to take, stealing, or otherwise obtaining in an unauthorized manner any material pertaining to the education process; selling, giving, lending, or otherwise furnishing to any person any question and/or answers to any examination known to be scheduled at any subsequent date; fabricating, forging, or falsifying lab or clinical results; plagiarism in any form related to themes, essays, term papers, tests, and other assignments; breaching any confidentiality regarding patient information.

Accessibility and Accommodation Statement

Students with disabilities who require academic accommodations must register with Accommodation & Disability Services. Once registered, students will receive an accommodation letter that must be presented to the instructor as early in the semester as possible. Accommodations will not be provided retroactively.

It is the student's responsibility to initiate this process and communicate their needs in a timely manner. The instructor will work collaboratively with the student and Accommodation & Disability Services to ensure appropriate accommodations are provided. For more information or to begin the

accommodation process, please contact:

Accommodation & Disability Services

Carlton 314 (Tifton)

Mobley Building (Bainbridge)

229-391-5132

ads@abac.edu

ADS Website: https://www.abac.edu/campus_life/wellness-safety/accommodation-disability-services.html

Counseling and Wellness Services

The mission of The Counseling Center is to foster the development and emotional well-being of ABAC students through personal behavioral health counseling. The Counseling Center provides individual counseling, group counseling, prevention and outreach, consultation, and crisis response across the ABAC Tifton and Bainbridge campuses. For more information or to schedule an appointment with a mental health counselor call 229.391.5135 or email counseling@abac.edu or visit the Student Health Center located on the first floor of the Health Sciences Building.

Academic Support

Occasionally, college students encounter academic and personal obstacles that can feel overwhelming and derail their college plans. Academic Support can help as it is the go-to department for students. The office hosts award-winning academic development programs and coaching designed to reduce barriers that can impact student success. Visit the Academic Support webpage for additional information, or email asc@abac.edu or call 229-391-4995.

Academic Support Webpage: <https://www.abac.edu/academics/student-success/index.html>

Grade Appeal Process

To contest a grade, students must initiate the appeal in writing to the instructor within 30 calendar days from the last day of class of the term in which the grade was recorded. Students must first appeal the matter in writing to the instructor(s) who taught the course. The appeal must specify reasons the assigned grade is incorrect or inappropriate. The instructor(s) will respond to the student in writing within 10 (ten) working days of the date of the appeal. Should this response not satisfy the appeal, the student can appeal in writing within 10 (ten) working days from the date of the instructor's response to the department head/dean of the academic school in which the course was taught. The department head/dean may conduct a conference including the dean, the department head, the student, and the instructor. The department head/dean may convene an impartial committee in the discipline to review pertinent documents. Within 10 (ten) working days from the date of the student's appeal to the department head/dean, the department head/dean will respond to the student in writing. Should this procedure fail to resolve the appeal, the student must provide a written appeal to the Provost and Vice President for Academic Affairs within ten working days from the date of the school department head/dean's response. The Provost and Vice President for Academic Affairs will take the appeal to the Academic Review Committee, where further hearings may be conducted.

The appeals process is intended to provide a venue whereby students may voice a claim of discrimination, capricious or unfair dealings, or denial of due process.

Title IX

Abraham Baldwin Agricultural College is committed to ensuring a safe learning environment that supports the dignity of all members of the ABAC community. ABAC does not discriminate on the basis of sex or gender in any of its education or employment programs and activities.

The College prohibits specific forms of behavior that violate Title IX of the Education Amendments of 1972. ABAC will not tolerate sexual misconduct, which is prohibited, and which includes, but is not limited to, domestic violence,

dating violence, sexual assault, sexual exploitation, sexual harassment, and stalking.

ABAC strongly encourages members of the College community to report instances of sexual misconduct promptly. These policies and procedures are intended to ensure that all parties involved receive appropriate support and fair treatment and that allegations of sexual misconduct are handled in a prompt, thorough, and equitable manner. For more information visit ABAC's Title IX webpage: https://www.abac.edu/campus_life/title-ix.html.

Library Information

[ABAC Libraries](#) support students and faculty by providing access to library services through its collections both physical and digital. The libraries ensure access to information for the ABAC community. The materials provided by the libraries focus on supporting the curriculum. The libraries will make materials available to all students, faculty, and staff, will assist in the use of these materials including but not limited to critical evaluation of resources, will provide access to materials not located in the libraries through partnership with other colleges in Georgia, and will provide opportunities designed to foster lifelong learning.

Notice Concerning the Possibility of Interruption of Instruction Due to a State of Emergency and Inclement Weather

ABAC reserves the right to adjust the mode of instructional delivery and the dates included in the Academic Calendar due to a local, state or national emergency. If the college is closed due to inclement weather, missed activities will resume on the next scheduled class day (ABAC Weather Hotline: 229-391-5225).

ABAC Additional College Policies

<https://abac-2024-2025.catalog.prod.coursedog.com/home>

Class Specific Policies

Exam Days: Students may use the formula sheet, their calculators, and the front of a 3" by 5" notecard of their personal notes. Students MAY NOT use their cell phones. Students MAY NOT work together on exams or the final exam. Students found working together or using their cell phones will receive a zero on the exam and an academic dishonesty report will be filed with the Dean of Students.

Students have up to 75 minutes to take the exam unless they have accommodations from Academic Support.

Exams will be taken in person in the computer lab room Health Sciences 257.

Syllabus Statement

The instructor reserves the right to make modifications to the syllabus. Students will be notified of any changes within 24 hours.