MATH 1314 W01 **Spring 2026**

College Algebra

Instructor: Eric Funasaki
Offices: ACR 109C (office hours) and BAB 210 (MW before 10 and after 2, and TRF all day)
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Office hours:

MW 1 – 1:50, or by appointment.

Textbook:

College Algebra, 3rd edition, by Paul Sisson.

Course Description:

In-depth study and applications of polynomial, rational, radical, exponential, and logarithmic functions and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be added.

Course Objectives:

The student should be able to:

1. Identify and work with functions and their graphs;
2. Find the zeros of polynomial functions;
3. Recognize and manipulate exponential and logarithmic functions;
4. Solve systems of linear equations; and
5. Use matrices and vectors in simple problems.

Course Assessment:

Your grade will be based on the following components:

26% Homework assignments and quizzes
54% Exams
20% Final Exam

The grading scale will be:

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

Suggested Course Schedule:

Week 1

1/14 – 1/16 1.1 Real Numbers
1.8 Complex Numbers

Week 2

1/20 – 1/23 1.8 Complex Numbers
2.1 Linear Equations in One Variable

Week 3

1/26 – 1/30 2.1 Linear Equations in One Variable
2.3 Quadratic Equations in One Variable

Week 4

2/2 – 2/6 2.3 Quadratic Equations in One Variable
3.1 The Cartesian Coordinate System
3.3 Linear Equations in Two Variables

Week 5

2/9 – 2/13 3.3 Linear Equations in Two Variables
3.4 Slope and Forms of Linear Equations
4.1 Relations and Functions

Week 6

2/16 – 2/20 4.1 Relations and Functions
Review for Exam 1
Exam 1 (must be done by 5 pm on 2/20/26)

Week 7

2/23 – 2/27 4.2 Linear Functions
4.3 Quadratic Functions
6.1 Polynomial Functions and Polynomial Inequalities

Week 8

3/2 – 3/6 6.2 Polynomial Division and the Division Algorithm
6.3 Locating Real Zeros of Polynomials

Week 9

3/9 – 3/13 Spring Break

Week 10

3/16 – 3/20 6.3 Locating Real Zeros of Polynomials

Week 11

3/23 – 3/27 Review for Exam 2
Exam 2 (must be done by 5 pm on 3/27/26)

Week 12

3/30 – 4/3 5.3 Combining Functions
5.4 Inverses of Functions

Week 13

4/6 – 4/10	7.1 Exponential Functions and Their Graphs
	7.3 Logarithmic Functions and Their Graphs

Week 14

4/13 – 4/17	7.3 Logarithmic Functions and Their Graphs
	7.4 Logarithmic Properties and Models
	7.5 Exponential and Logarithmic Equations

Week 15

4/20 – 4/24	7.5 Exponential and Logarithmic Equations
	Review for Exam 3
	Exam 3 (must be done by 5 pm on 4/24/26)

Week 16

4/27 – 5/1	Review for Final Exam

Week 17

5/4 – 5/6	**Final Exam (must be done by 5 pm on 5/6/26)**

Cheating:

Cheating will not be tolerated. Anyone caught cheating will receive a grade of zero on that assignment. This includes homework assignments where the student who copied another student's work and the student who allowed their work to be copied will both receive a grade of zero.

Cell Phones and Other Electronic Devices:

Your cell phone must be **off** while you are in class. You may not read or send text messages while class is in session. If there is an unusual situation where you simply must be able to read and send a message without delay, place your phone in vibrate mode and leave the room before reading and responding. No other electronic devices may be used during class without the permission on the instructor.

Use of Generative Artificial Intelligence (AI):

In this course, every element of class assignments must be fully prepared by the student. The use of generative AI tools for any part of your work will be treated as plagiarism. If you have questions, please contact me.

Student Responsibilities Statement:

All full-time and part-time students are responsible for familiarizing themselves with the Student Handbook and the Undergraduate and Graduate Catalog and for abiding by the University rules and regulations. Additionally, students are responsible for checking their Sul Ross email as an official form of communication from the university. Every student is expected to obey all federal, state, and local laws and is expected to familiarize themselves with the requirements of such laws.

Distance Education Statement

Students enrolled in distance education courses have equal access to the university's academic support services, such as library resources, online databases, and instructional technology support. For more information about accessing these resources, visit the SRSU website.

Students should correspond using Sul Ross email accounts and submit online assignments through Blackboard, which requires a secure login. Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies pertaining to academic honesty and appropriate student conduct, as described in the student handbook. Students in web-based courses must maintain appropriate equipment and software, according to the needs and requirements of the course, as outlined on the SRSU website. Directions for filing a student complaint are located in the student handbook.

ADA Statement:

SRSU is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the student's responsibility to initiate a request each semester for each class. Students seeking accessibility/accommodations services must contact Ronnie Harris, LPC, SRSU's Accessibility Services Director at 432-837-8203 or email ronnie.harris@sulross.edu. Our office is located on the first floor of Ferguson Hall, room 112, and our mailing address is P.O. Box C122, Sul Ross State University, Alpine, Texas 79832.

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