SUL ROSS STATE UNIVERSITY
Syllabus Fall 2025
MATH 1314 C01 12540 TTh 9:30-10:45
MATH 1314 C02 12542 TTh 11:00-12:15

COURSE TITLE: College Algebra Math 1314
SECTION, CRN, CLASS DAYS & TIME: See above
CLASSROOM: Lawrence Hall (LH 300)
INSTRUCTOR: Mrs. Lamar
INSTRUCTOR'S Office: FH 204
INSTRUCTOR'S PHONE #: 8781
INSTRUCTOR'S E-MAIL: elba.lamar@sulross.edu
INSTRUCTOR'S OFFICE HOURS: MW: 8:30-9:50 and 11:00-12:00 pm
                                    TTR: 8:30-9:10 and 12:30-13:30 pm or by appointment
CREDIT HOURS: 3
LECTURE HOURS: 3

COURSE DESCRIPTION:

This is a College Algebra course designed to review and operate with different type of Equations and Functions necessary to solve different type of problems. Topics include, Real and Complex Numbers, Linear, Quadratic, Polynomial, Logarithmic and Exponential Equations and Functions. Use of technology is integrated throughout the course.

COURSE PREREQUISITES:

Undergraduate level Math 0314 Minimum Grade of C or passing TSI or Concurrent Enrollment.

STUDENT LEARNING OUTCOMES:
After completing this course, the student should be able to demonstrate competency in the following:

(1) Real and Complex Numbers
(2) Properties of Exponents and Radicals
(3) Linear Equations and Inequalities
(4) Quadratic, Exponential and Logarithmic Equations
(5) Linear, Quadratic and other Common Functions
(6) Transformations, Properties, Operations and Inverse of Functions
(7) Identifying Even and Odd Functions and symmetry of Equations.

EC-6 CORE TEACHER COMPETENCIES:
- CO 013 (Mathematics Instruction) The teacher understands how students learn mathematical skills and uses that knowledge to plan, organize and implement instruction and assess learning.
- CO 014 (Number Concepts and Operation) The teacher understands concepts related to numbers, operations and algorithms and the properties of numbers.
- CO 015 (Patterns and Algebra) The teacher understands concepts related to patterns, relations, functions and algebraic reasoning.
- CO 016 (Geometry and Measurement) The teacher understands concepts and principles of geometry and measurement.
- CO 017 (Probability and Statistics) The teacher understands concepts related to probability and statistics and their applications.
- CO 018 (Mathematical Processes) The teacher understands mathematical processes and knows how to reason mathematically, solve mathematical problems and make mathematical connections within and outside of mathematics.

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COURSE REQUIREMENTS:

1. **Make sure you know your password to use Blackboard and have access to Hawkes Software COLLEGE ALGEBRA 3rd Edition.**

   - Get Hawkes Tech Support as needed:
     Chat available 24/7 https://www.hawkeslearning.com/
     Phone support Monday-Friday 8:00 am to 8:00 pm 843-571-2825

2. **SCIENTIFIC CALCULATOR:** A scientific calculator is required for this curse,. Appropriate scientific calculators will be provided during your Math 0314 class time, and you can use a free version online when you work from home or purchase your own and get it approved by your instructor on the first two weeks of class to avoid not being able to use it during tests if it is the wrong type. It has buttons with denotations such as $\sqrt{y}$, y^x, a^b, log, ln, e^x
   GRAPHING CALCULATORS or Phone Calculators ARE **NOT ALLOWED**

3. All tests are paper base and you must show all your work for every question in your Exams in order to get credit for your final answers.

4. You are required to take every Test and Final Exam IN PERSON and there are no retakes. In case of an emergency you must communicate with your instructor ASAP to set a make up test day, failure to take a test will result in your earning an F for the Course.

 SUPPLIES: You must have a notebook dedicated to MATH class. Recommended: a binder with dividers, pockets, and lots of paper to keep your notes organized; pencils and erasers.

Grading Scale:
> 90-100 A, 80-89 B, 70-79 C, 60-69 D, 59-0 F

Grading Policy:
> Assignments: 20% (Due dates are on Hawkes)
> Reviews: 10% (Test Preparation Assignments, Due dates are on Hawkes)
> Exams: 70% (There will be 3 equally weighted exams, including the final exam.)
> > It is a requirement to show all your work for every question in your
> > Exams to get credit for your final answers and there are no retakes.
> Important Note: There is no extra credit for this curse and no extra time on assignments.

Late Penalties:
> 10% for up to 1 day late
> 20% for up to 2 days late
> 30% for up to 3 days late
> 40% for up to 4 days late
> 50% for up to 5 days late
> 100% for more than 5 days late

ACCELERATION:
You determine how quickly or slowly you complete the work associated with this course. The sooner you complete your College Algebra math course, the better off you will be, so please feel free to work hard and quickly.

ACADEMIC ETHICS/AI:
Please remember that real success comes from learning how to do the work yourself, the use of AI is not allowed for any Assignment or Exam in this curse. Your instructors believe that you are an honest individual and expect that all the work that you do results from your own efforts. You know that a college education costs too much for you to waste your time trying to beat the system rather than figuring out how to learn the material. You know that any form of cheating is dishonest, and it makes you look very bad. Your instructor will have specific responses to any academic dishonesty that s/he may encounter. A repeated instance of academic dishonesty may result in your situation being forwarded to the Dean of Student Life. Please see the *SRSU Student Handbook* for a more complete discussion of academic honesty.

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ATTENDANCE POLICY:

An absence is defined as non-attendance in fifty minutes of class; for example, nonattendance in a one and one-half hour class will constitute one and one-half absences and non-attendance in a three-hour class will constitute three absences. The instructors may, at their discretion, drop a student from a course when the student has a total of nine absences. Any student dropped for excessive absences will receive either an "F" or a "W" depending upon the faculty member's discretion.

An absence due to participation in an official University activity is considered an authorized absence. When a student must miss a class due to an authorized University activity, **it will be the responsibility of the student to notify the instructor of the class in advance and to complete all assignments on time**. Being more than five minutes late or leaving before class is over will be counted as an absence. If you are absent from class, it is your responsibility to get the notes that you missed.

CELL PHONES:

Cell phones going off during class are disruptive. Be a considerate and respectful class member. Turn off your cell phone before class begins and keep it turned off throughout the class period. If you feel that you have an emergency that requires your phone being left on, speak with me before class. Should you fail to silence (including the "vibrate" function) your phone, you risk being asked to leave class and being counted absent.

COURSE COMMITMENT:

You will make the decision about how long it takes you to clear your math requirement. Please keep these thoughts in mind:

1. It costs as much to take this class (at least $830) as it does to take any other SRSU three-hour course.
2. You are the only one who can make the commitment to be successful in this class. You will decide how much time you end doing homework, asking your instructor questions, and visiting with a tutor.

TUTORING CENTER (located in the Library)

The Lobo Den Tutoring Center offers FREE tutoring support to help you excel in your courses. Whether you need assistance in Writing, Math, Science, or other subjects, we're here to help!

Important Information:

- **Drop-in and Scheduled Appointments: Flexible options to fit your needs.**
- **Hours of Operation: Monday–Friday, 8:00 AM – 5:00 PM.**
- **Workshops: Attend our regularly hosted academic workshops on STEM topics and professional development, often in collaboration with specialized faculty.**
- **Location: BWML Room 128.**
- **Contact Us: For more information or to book an appointment, email tutoring@sulross.edu or call (432) 837-8726.**
  Looking for additional support?
- **Tutor.com offers FREE 24/7 online tutoring in over 200 subjects, including specialized support for ESL and ELL learners with native Spanish-speaking tutors.**
- **Access Tutor.com via Blackboard: Log in to your Blackboard account to get started anytime, anywhere.**

You can also contact your instructor during office hours or by appointment.

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ADA Statement:

SRSU Accessibility Services. Sul Ross State University (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 Mrs. Mary Schwartze Grisham, LPC, SRSU's Accessibility Services Director or Ronnie Harris, LPC, Counselor, at 432-837-8203 or email mschwartze@sulross.edu or 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.

TEXAS SUCCESS INITIATIVE (TSI) ADVISING:

As a developmental education student, you have a TSI hold on your records. In order for you to register for the next semester, you must see a TSI advisor in the Academic Support Center/Lobo Den (ASC), which is located in the Library/first floor; phone number is 432-837-8982.

<u>Sul Ross Technical Support</u>: The Support Desk is where you can direct your more technical questions.

For example, the Support Desk can help you if you are having issues submitting a document, getting videos to play, or using Blackboard. The support desk is open 24 hours a day/7 day a week for your convenience.

You can reach the support desk:
By calling 888.837.6055
Via email blackboardsupport@sulross.edu

SRSU Email:

You will want to **check your Sul Ross e-mail regularly**. It is an easy way for me to stay in contact with you and for you to stay in contact with me. I will use Hawkes to send messages to your class, collect major assignments, provide you access to class assignments, and post your major paper grades. We will use Hawkes in class. You need to be able to access both, your Hawkes, and Blackboard accounts.

Required Student Responsibilities Statement

All full-time and part-time students are responsible for familiarizing themselves with the Student Handbook and the Undergraduate & 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.

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SRSU Library Services:

The Bryan Wildenthal Memorial Library and Archives of the Big Bend in Alpine offer FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library's website, library.sulross.edu/.

Off-campus access requires logging in with your LoboID and password. Librarians are a tremendous resource for your coursework and can be reached in person, by email (srsulibrary@sulross.edu), or by phone (432-837-8123). No matter where you are based, public libraries and many academic and special libraries welcome the general public into their spaces for study. SRSU TexShare Cardholders can access additional services and resources at various libraries across Texas. Learn more about the TexShare program by visiting library.sulross.edu/find-and-borrow/texshare/ or ask a librarian by emailing srsulibrary@sulross.edu.

Mike Fernandez, SRSU Librarian, is based in Eagle Pass (Building D-129) to offer specialized library services to students, faculty, and staff. Utilize free services such as InterLibrary Loan (ILL), ScanIt, and Direct Mail to get materials delivered to you at home or via email.

SRSU Distance Education Statement:

Students enrolled in distance education courses have equal access to the university's academic support services, such as Smarthinking, 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 secure login information to verify students' identities and to protect students' information. The procedures for filing a student complaint are included in the student handbook. 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.

DROPPING THE COLLEGE-LEVEL COURSE

NOTE: Before dropping any class, be sure to check the impact of a withdrawal on your full-time status, financial aid status, scholarship status, and NCAA eligibility.

If, after consultation with your college-level instructor, you decide that you must drop MATH 1314, then, before the last day for students to drop a class with a "W" arrives, your college-level math instructor will determine, in consultation with your developmental education math instructor, if you have made a **good faith effort** to pass your college-level math course. If over the course of the semester you **attend class regularly, complete homework assignments by the due date, take all quizzes and exams**, but are still unable to maintain a passing grade, then your college-level math instructor has the option to allow you to drop your college-level math course with a "W."

If your college-level math instructor certifies that you are eligible to drop the college-level math course with a "W," then your college-level math instructor will give you a signed form that you will take to the Academic Support Center/Lobo Den so that you can be dropped from the college-level math course. Only the Lobo Den can drop you from your college-level math course and only if you have the form signed by your college-level math instructor. **You are not allowed to drop any developmental education course. You must continue to attend and participate in MATH 0314 as advised by your MATH 0314 instructor.**

COUNSELING

Sul Ross has partnered with TimelyCare where all SR students will have access to nine free counseling sessions. You can learn more about this 24/7/365 support by visiting Timelycare/SRSU. The SR Counseling and Accessibility Services office will continue to offer in-person counseling in Ferguson Hall room 112 (Alpine campus), and telehealth Zoom sessions for remote students and RGC students.

Curse Supplement Syllabus

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Hawkes Software - Objective to be covered subject to change under Instructor's consideration!!

Introduction   Week 1 (Aug 25-29)

1.1 Real Numbers
1.2 The Arithmetic of Algebraic Expressions

1.3 Properties of Exponents   Week 2(Sep 1-5)

1.4 Properties of Radicals

1.5 Polynomials   Week 3 (Sep 8-12)

1.6 Factoring Polynomials

1.8 Complex Numbers   Week 4 (Sep 15-19)

Review for Exam 1

2.1 Linear Equations in One Variable   Week 5 (Sep 22-26)

2.2 Linear Inequalities in One Variable

Exam 1   Week 6 (Sep 29-Oct 3)

2.3 Quadratic Equations in One Variable

3.1 The Cartesian Coordinate System

3.3 Linear Equations in Two Variables.   Week 7 (Oct 6-10)

3.4 Slope and Forms of Linear Equations

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3.5 Parallel and Perpendicular Lines	Week 8 (Oct 13-17)
4.1 Relations and Functions	
4.2 Linear Functions	Week 9 (Oct 20-24)
Review for Exam 2	
4.3 Quadratic Functions	Week 10 (Oct 27-31)
5.1 Transformations of Functions	
Exam 2 Week 11 (Nov 3-7)	Week 11 (Nov 3-7)
5.2 Properties of Functions	
5.3 Combining Functions	
5.4 Inverse of Functions	Week 12 (Nov 10-14)
7.1 Exponential Functions and Their Graphs	
7.3 Logarithmic Functions and Their Graphs	Week 13 (Nov 17-21)
Review for Final Test (Part 1)	
Work on Review for Final	Week 14 (Nov 24-28)
Thanksgiving Break (Nov 26-28) Week	
Review for Final Test (Part 2)	Week 15 (Dec 1-3)
Finals	Dec 5, 8-10

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