

SUL ROSS STATE UNIVERSITY
ACADEMIC CENTER FOR EXCELLENCE
Common Course Syllabus
MATH 1314 College Algebra
Semester Year

<i>MATH 1314 C01 21184</i>	<i>TTR 9:30-10:45</i>	<i>Mrs. Lamar</i>	<i>FH 201</i>
<i>MATH 1314 C02 21935</i>	<i>TTR 11:00-12:15</i>	<i>Mrs. Lamar</i>	<i>FH 201</i>

Co-requisite with

<i>MATH 0314 CH1 21181</i>	<i>MWF 9:00-9:50</i>	<i>Mrs. Lamar</i>	<i>FH 201</i>
<i>MATH 0314 CH2 21182</i>	<i>MWF 10:00-10:50</i>	<i>Mrs. Lamar</i>	<i>FH 201</i>
<i>MATH 0314 CH3 21183</i>	<i>MWF 11:00-11:50</i>	<i>Ms. McAlister</i>	<i>FH 201</i>

COURSE TITLE: College Algebra Math 1314

CLASSROOM: Ferguson Hall 201(FH 201)

YOUR INSTRUCTOR: Mrs. Lamar

INSTRUCTOR'S Office: Ferguson Hall 204 (FH 204)

INSTRUCTOR'S CONTACT INFO: (432) 837 8781 Only for Calling

INSTRUCTOR'S E-MAIL: elba.lamar@sulross.edu

INSTRUCTOR'S OFFICE HOURS: MW: 8:30am-9:00am and 12:20am-2:00pm

TTR: 8:30am-9:30am and 12:20pm-2:00pm

CREDIT HOURS: 3

LECTURE HOURS: 3 MANDATORY

CO-ENROLLMENT: MATH 1314

Course Prerequisites:

This course is designed for students who scored <950 on the Math portion of the TSIA II; all students enrolled in this course must also be enrolled in the co-requisite MATH 0314.

CATALOG DESCRIPTION: This course is an in-depth study and application of polynomial, rational, radical, exponential, and logarithmic functions and systems of equations using matrices. Additional topics such as sequence, series, probability, and conics may be included.

TEXTBOOK: This course, and its co-requisite MATH 0314, use Hawkes Learning, an innovative, educational courseware platform providing instructional content and mastery-based learning to enhance student success in college courses. You will find a link to Hawkes in your MATH 1314 Blackboard course.

Hawkes tech-support:

Chat available 24/7 <https://www.hawkeslearning.com/>

Phone support Monday-Friday 7:00 am to 8:00 pm 800-426-9538

SUL ROSS TECHNICAL SUPPORT

The Support Desk can help students with technical questions and issues such as changing passwords, submitting a document, getting videos to play, or using BlackBoard. The support desk is open 24 hours a day/7 days a week for your convenience.

You can reach the support desk:

By calling 888.837.6055

Via email blackboardsupport@sulross.edu

SUPPLIES: In addition to access to your Hawkes account, you will need a scientific calculator, and, you must have a notebook dedicated to MATH class.

CO-REQUISITE MODEL:

MATH 0314 class is designed to provide support for MATH 1314. Your MATH 1314 instructor will introduce concepts in class. Your MATH 0314 instructor will help ensure that you have the math skills needed to master those concepts. You need to attend both classes in order to be successful.

ATTENDANCE POLICY:

Sul Ross State University and the State of Texas require each student liable for any portion of the Texas Success Initiative (TSI) to attend and participate in developmental coursework. If you fail to attend and/or participate, you will earn an "F" for the course. Also, it is a course **requirement that you take every exam**. Failure to do so could result in your earning an "F" for the course. **All exams must be taken in the classroom.**

All students are expected to regularly and punctually attend classes in which they are enrolled.

Failure to do so may jeopardize a student's scholastic standing and/or financial aid.

Students are responsible for the effect absences have on all forms of evaluating course performance. The student is responsible for arranging the allowed make-up of any missed work.

The instructor may, at their discretion, drop a student from this Course when the student has a total of nine unauthorized absences. Any student dropped for excessive absences will receive either an "F" or a "W" depending upon the faculty member's discretion.

If you must be absent, you are responsible for finding out what was covered and assigned in class to be prepared when you return to class. According to the University catalog, "When a student has to miss 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] within a reasonable time and at the convenience of the instructor."

Being more than five minutes late or leaving before class is over will be counted as an absence.

Missed Class Policy (NCAA II):

Student-athletes may ONLY miss class for competition or travel related to competition.

Student athletes may NOT miss class for practice, team meetings, conditioning, or other athletically related activities.

This aligns with NCAA Bylaw 17.1.7.6: "No class time shall be missed for practice activities except when a team is traveling to an away-from-home contest."

SRSU EMAIL

You will need to check your Sul Ross e-mail regularly. The University and faculty will communicate with students via SRSU email.

EXTRACURRICULAR ELIGIBILITY: If you do not pass all of your developmental education coursework (ENG 0309, ENG 0310, MATH 0332, MATH 0342, and/or MATH 0314) this semester with a grade of "C" or better, then you will not be eligible to participate in any extracurricular SRSU activities in next long semester. Extracurricular activities include, but are not limited to Student Government Association, Campus Activities, Athletics, and Rodeo.

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 located in the Library/first floor; phone number is 432-837-8982.

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.

Your college-level instructor is not required to allow you to drop the co-requisite MATH 1314.

However, if you have attended class regularly, completed assignments by the due date, taken all exams, and are still making a failing grade, then your college-level instructor may allow you to drop MATH 1314 with a W.

If your college-level instructor certifies that you are eligible to drop MATH 1314, that will be communicated to the Academic Support Center/Lobo Den. Only the Lobo Den can drop you from MATH 1314.

You are NOT allowed to drop MATH 0314, and you are expected to continue attending class and completing any assigned lessons and exams.

If you pass MATH 0314 with a C or better, then in the next semester you will be enrolled in a stand-alone (not co-requisite) MATH 1314 section with an instructor from the Math Department rather than an ACE instructor.

Supportive Statement

I aim to create a learning environment for my students that supports various perspectives and experiences. I understand that the recent pandemic, economic disparity, and health concerns, or even unexpected life events may impact the conditions necessary for you to succeed. My commitment is to be there for you and help you meet the learning objectives of this course. I do this to demonstrate my commitment to you and to the mission of Sul Ross State University to create a supportive environment and care for the whole student as part of the Sul Ross Familia. If you feel like your performance in the class is being impacted by your experiences outside of class, please don't hesitate to come and talk with me. I want to be a resource for you.

Course Learning Objectives

This course employs a number of Course Learning Objectives, (specific, instructor-centered steps that help students achieve the learning outcomes), including:

- Focusing on the why before the how
- Using solved examples as learning tools
- Highlighting mathematical structure and language
- Presenting and encouraging multiple-solution strategies
- Engaging students through active learning
- Modeling problem solving explicitly

Student Learning Outcomes:

Broad, student-centered statements about what the student will be able to demonstrate include:

- The student will be able to demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses.
- The student will be able to recognize and apply polynomial, rational, radical, exponential, and logarithmic functions and solve related equations.
- The student will be able to apply graphing techniques.
- The student will be able to evaluate roots of higher degree polynomial and rational functions.
- The student will be able to recognize, solve, and apply systems of linear equations using matrices.

Student Responsibilities

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 him/herself with the requirements of such laws.

Academic Integrity

Students in this class are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. Students should submit work that is their own and avoid the temptation to engage in behaviors that violate academic integrity, such as turning in work as original that was used in whole or part for another course and/or professor; turning in another person's work as one's own; copying from professional works or internet sites without citation; collaborating on a course assignment, examination, or quiz when collaboration is forbidden. Students should also avoid using open AI sources *unless permission is expressly given* for an assignment or course. Violations of academic integrity can result in failing assignments, failing a class, and/or more serious university consequences. These behaviors also erode the value of college degrees and higher education overall.

Classroom Climate of Respect

Importantly, this class will foster free expression, critical investigation, and the open discussion of ideas. This means that all of us must help create and sustain an atmosphere of tolerance, civility, and respect for the viewpoints of others. Similarly, we must all learn how to probe, oppose and disagree without resorting to tactics of intimidation, harassment, or personal attack. No one is entitled to harass, belittle, or discriminate against another on the basis of race, religion, ethnicity, age, gender, national origin, or sexual preference. Still, we will not be silenced by the difficulty of fruitfully discussing politically sensitive issues.

Statement Regarding Generative Artificial Intelligence (AI)

The University does not recommend or endorse any specific AI tools or resources. Students should be aware that many generative AI tools (e.g., ChatGPT, Google Gemini, Microsoft Copilot) store user input and may use this data to train future models. For this reason, students should never upload or share personal, confidential, or identifiable information—such as names, ID numbers, health data, or assignment submissions containing such details—into any generative AI platform. When using AI tools, students should verify whether the tool complies with student privacy standards as indicated by the University. Faculty may recommend specific tools that better align with institutional data privacy policies, but ultimate responsibility for data protection rests with users. Students are encouraged to use faculty-recommended platforms when engaging in coursework involving generative AI. The University is not liable for any adverse experience or impact when students interact with these tools.

Libraries

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 Lobold 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.

Tutoring Center

[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.

Take advantage of these valuable resources to boost your confidence and performance in your classes. We look forward to helping you succeed!

ADA (Americans with Disabilities Act):

SRSU Counseling and 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 Mr. Ronnie Harris, M.ED., LPC-S Director, Counseling and Accessibility Services at 432-837-8203 or email ronnie.harris@sulross.edu or counseling@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.

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.

SRSU 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.

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
Support Center:<https://support.hawkeslearning.com/supportcenter/>

2. **SCIENTIFIC CALCULATOR:** A scientific calculator is required for this course,. 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 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: 30% (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 course 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.

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 Supplement Syllabus

Math 1314

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

Introduction	Week 1 (Jan 14-16)
1.1 Real Numbers	
1.2 The Arithmetic of Algebraic Expressions	Week 2 (Jan 20-23)
1.3 Properties of Exponents	
1.4 Properties of Radicals	Week 3 (Jan 26-30)
1.5 Polynomials	
1.6 Factoring Polynomials	Week 4 (Feb 2-6)
1.8 Complex Numbers	
Review for Exam 1	Week 5 (Feb 9-13)
Exam 1	Week 6 (Feb 16-20)
2.1 Linear Equations in One Variable	
2.2 Linear Inequalities in One Variable	
2.3 Quadratic Equations in One Variable	Week 7 (Feb 23-27)
3.1 The Cartesian Coordinate System	

3.3 Linear Equations in Two Variables	Week 8 (Mar 2-6)
3.4 Slope and Forms of Linear Equations	
 SPRING BREAK	Week 9 (Mar 9-13)
 3.5 Parallel and Perpendicular Lines	Week 10 (Mar 16-20)
4.1 Relations and Functions	
 4.2 Linear Functions	Week 11 (Mar 23-27)
4.3 Quadratic Functions	
 Review for Exam 2	Week 12 (Mar 30- Apr 3)
 Exam 2	Week 13 (Apr 6-10)
5.1 Transformations of Functions	
5.2 Properties of Functions	
 5.3 Combining Functions	Week 14 (Apr 13-17)
5.4 Inverse of Functions	
 7.1 Exponential Functions and Their Graphs	Week 15 (Apr 20-24)
7.3 Logarithmic Functions and Their Graphs	
 Review for Final Test (Part 1)	Week 16 (Apr 27-29)
 Finals	May 1, 4-6