

SUL ROSS STATE UNIVERSITY

Course Syllabus *Spring 2026*

College Algebra MATH 1314 Q

Mon -Fri **12:25 – 1:40**

CLASSROOM: **A124 (EPHS)**

YOUR INSTRUCTOR: **Marites Romero**

INSTRUCTOR'S CONTACT INFO:

INSTRUCTOR PHONE#: **830-773-2381**

INSTRUCTOR'S E-MAIL: marites.romero@sulross.edu or mromero@eaglepassisd.net

INSTRUCTOR'S OFFICE HOURS: Mon -Fri **10:10 – 11:30**

CREDIT HOURS: 3 LECTURE HOURS

TSIA PLACEMENT: CRC 943 - 949 and have completed at least Algebra I

CATALOG DESCRIPTION: MATH 1314 College Algebra (3-0). This course is an in-depth study and applications of polynomial, rational, radical, exponential, and logarithmic functions. Additional topics such as sequences, series, probability, and conics may be included.

TEXTBOOK: This course uses Hawkes Learning, an innovative, educational courseware platform providing instructional content and mastery-based learning to enhance student success. You will find a link to your Hawkes account in your MATH 1314 Q Blackboard course.

Hawkes support:

Chat available 24/7

<https://www.hawkeslearning.com/>

Phone support

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

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

STUDENT LEARNING OUTCOMES:

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

- 1) The student will be able to solve linear, quadratic, rational and radical equations, and inequalities.
- 2) The student will be able to graph functions by plotting points and performing transformations on certain parent functions.
- 3) The student will be able to graph polynomial functions by finding roots using synthetic or long division and distinguish the end behavior of graphs.
- 4) The student will be able to model growth and decay problems using exponential functions.
- 5) The student will be able to solve systems of equations in two and three variables.

COURSE REQUIREMENTS:

- Student is required to attend and participate in all synchronous and asynchronous classes during the semester.
- Student is required to complete all assignments by the posted due dates.
 - Students are expected to spend approximately 2 hours in Practice mode for every 1 hour spent in Certify mode.
 - Using any kind of AI, math apps, or allowing someone else to complete assignments is considered as cheating. Violations of academic integrity (cheating) can result in failing assignments, failing a class, and/or more serious university consequences.
- All exams must be taken in the classroom.
 - Exams are given on paper; students are required to show all relevant work. No credit will be given unless appropriate work is shown.
 - During exams, students are not allowed to use devices, including phones, laptops, smart watches, airpods, and headphones.

- For all assignments and exams, students are allowed to use a Scientific calculator only. No graphing calculators are allowed.

METHOD OF EVALUATION:

Formative assessment Assignments-Lessons assigned in Hawkes
 Formative assessment Quizzes-Test Preparation activities assigned in Hawkes
 Summative assessment Exams-Three exams including a non-comprehensive final exam

GRADING

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| Assignments (Hawkes Lessons) 25 lessons | 15% |
| Quizzes (Hawkes Assignment specifically for Test Preparation) 4 quizzes | 15% |
| Exams (First, Mid-Term, Final) 3 exams | 70% |

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.

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

SRSU EMAIL

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

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.

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.

ATTENDANCE POLICY:

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.

STUDENT RESPONSIBILITIES STATEMENT

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

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.

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.

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.

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.

| MATH 1314 Q TENTATIVE Class Calendar | | | | | |
|---|------------|---|---|---|--------------------------------------|
| Wk | Day | Classroom Activity | Assignment due date | Lesson Topic | Lesson Chapter |
| 1 | Mon | Welcome, Introductions, Hawkes orientation; Lecture 1.1 | | 1.1 Real Numbers | Ch 1 Fundamental Concepts of Algebra |
| | Tue | Practice 1.1 | | Practice 1.1 | |
| | Wed | Lecture 1.2 | | 1.2 Arithmetic of Algebraic Expressions | |
| | Thu | Practice 1.2 | | Practice 1.2 | |
| | Fri | ASSIGNMENT: Certify 1.1, 1.2 | Certify is due before class on Monday | Certify 1.1 and 1.2 | |
| 2 | Mon | Lecture 1.3 | | 1.3 Properties of Exponents | |
| | Tue | Practice 1.3 | | Practice 1.3 | |
| | Wed | Lecture 1.4 | | 1.4 Properties of Radicals | |
| | Thu | Practice 1.4 | | Practice 1.4 | |
| | Fri | ASSIGNMENT: Certify 1.3, 1.4 | Certify is due before class on Monday | Certify 1.3 and 1.4 | |
| 3 | Mon | Lecture 1.5 | | 1.5 Polynomials | |
| | Tue | Practice 1.5 | | Practice 1.5 | |
| | Wed | Lecture 1.6 | | 1.6 Factoring Polynomials | |
| | Thu | Practice 1.6 | | Practice 1.6 | |
| | Fri | ASSIGNMENT: Certify 1.5, 1.6 | Certify is due before class on Monday | Certify 1.5 and 1.6 | |
| 4 | Mon | Lecture 1.8 | | 1.8 Complex Numbers | |
| | Tue | Practice 1.8 | | Practice 1.8 | |
| | Wed | ASSIGNMENT: Certify 1.8 | Certify is due before class on Monday | Certify 1.8 | |
| | Thu | QUIZ: Practice for Exam 1 | | Practice for Exam 1 | |
| | Fri | Lecture: Review for Exam 1 | Complete the Practice Material before class on Monday | Practice for Exam 1 | |
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| 5 | Mon | Exam 1 (Ch 1) | | Exam 1 | |
| | Tue | Pre-study 2.1 | | Pre-study 2.1 Linear Equations in One Variable | Ch 2 Equations and Inequalities in One Variable |
| | Wed | Lecture 2.1 | | 2.1 Linear Equations in One Variable | |
| | Thu | Practice 2.1 | | Practice 2.1 | |
| | Fri | ASSIGNMENT: Certify 2.1 | Certify is due before class on Monday | Certify 2.1 | |
| 6 | Mon | Lecture 2.2 | | 2.2 Linear Inequalities | |
| | Tue | Practice 2.2 | | Practice 2.2 | |
| | Wed | Lecture 2.3 | | 2.3 Quadratic Equations | |
| | Thu | Practice 2.3 | | Practice 2.3 | |
| | Fri | ASSIGNMENT: Certify 2.2, 2.3 | Certify is due before class on Monday | Certify 2.2 and 2.3 | |
| 7 | Mon | Lecture 3.1 | | 3.1 Cartesian Coordinate System | Ch 3 Equations and Inequalities in Two Variables |
| | Tue | Practice 3.1 | | Practice 3.1 | |
| | Wed | Lecture 3.3 | | 3.3 Linear Equations in Two Variables | |
| | Thu | Practice 3.3 | | Practice 3.3 | |
| | Fri | ASSIGNMENT: Certify 3.1, 3.3 | Certify is due before class on Monday | Certify 3.1 and 3.3 | |
| 8 | Mon | Lecture 3.4 | | 3.4 Slope and Forms of Linear Equations | |
| | Tue | Practice 3.4 | | Practice 3.4 | |
| | Wed | Lecture 3.5 | | 3.5 Parallel and Perpendicular Lines | |
| | Thu | Practice 3.5 | | Practice 3.5 | |
| | Fri | ASSIGNMENT: Certify 3.4, 3.5 | Certify is due before class on Monday | Certify 3.4 and 3.5 | |
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| 9 | Mon | Lecture: Review for Exam 2 | | Practice for Exam 2 | |
| | Tue | QUIZ: Practice for Exam 2 | Complete the Practice Material before class on Wednesday | Practice for Exam 2 | |
| | Wed | Exam 2 (Ch 2, 3) Midterm Exam | | Exam 2 | |
| | Thu | Pre-study 4.1 | | 4.1 Relations and Functions | Ch 4 Relations, Functions, and their Graphs |
| | Fri | Lecture 4.1 | | 4.1 Relations and Functions | |
| 10 | Mon | Lecture 4.2 | | 4.2 Linear Functions | |
| | Tue | Practice 4.1, 4.2 | | Practice 4.1, 4.2 | |
| | Wed | Lecture 4.3 | | 4.3 Quadratic Functions | |
| | Thu | Practice 4.3 | | Practice 4.2 and 4.3 | |
| | Fri | ASSIGNMENT: Certify 4.1, 4.2, 4.3 | Certify is due before class on Monday | Certify 4.1, 4.2, and 4.3 | |
| 11 | Mon | Lecture 4.4 pt 1 | | 4.4 Other Common Functions, pt 1 | |
| | Tue | Practice 4.4 | | Practice 4.4 | |
| | Wed | Lecture 4.4 pt 2 | | 4.4 Other Common Functions, pt 2 | |
| | Thu | Practice 4.4 | | Practice 4.4 | |
| | Fri | ASSIGNMENT: Certify 4.4 | Certify is due before class on Monday | Certify 4.4 | |
| 12 | Mon | Lecture 5.1 | | 5.1 Transformations of Functions | Ch 5 Working with Functions |
| | Tue | Practice 5.1 | | Practice 5.1 | |
| | Wed | Lecture 5.2 | | 5.2 Properties of Functions | |
| | Thu | Practice 5.2 | | Practice 5.2 | |
| | Fri | ASSIGNMENT: Certify 5.1, 5.2 | Certify is due before class on Monday | Certify 5.1 and 5.2 | |
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| 13 | Mon | Lecture 5.3 | | 5.3 Combining Functions | |
| | Tue | Practice 5.3 | | Practice 5.3 | |
| | Wed | Lecture 5.4 | | 5.4 Inverses of Functions | |
| | Thu | Practice 5.4 | | Practice 5.4 | |
| | Fri | ASSIGNMENT: Certify 5.4 | Certify is due before class on Monday | Certify 5.4 | |
| 14 | Mon | Lecture 7.1 | | 7.1 Exponential Functions and Graphs | Ch 7 Exponential and Logarithmic Functions |
| | Tue | Practice 7.1 | | Practice 7.1 | |
| | Wed | Lecture 7.2 | | 7.2 Exponential Models | |
| | Thu | Practice 7.2 | | Practice 7.2 | |
| | Fri | ASSIGNMENT: Certify 7.1, 7.2 | Certify is due before class on Monday | Certify 7.1 and 7.2 | |
| 15 | Mon | Lecture 7.3 pt 1 | | 7.3 Logarithmic Functions and Graphs pt 1 | |
| | Tue | Practice 7.3 | | Practice 7.3 | |
| | Wed | Lecture 7.3 pt 2 | | 7.3 Logarithmic Functions and Graphs pt 2 | |
| | Thu | Practice 7.3 | | Practice 7.3 | |
| | Fri | ASSIGNMENT: Certify 7.3 | Certify is due before class on Monday | Certify 7.3 | |
| 16 | Mon | Lecture: Practice for Exam 3 (Focus on Ch 4) | | Review for Exam 3 | |
| | Tue | QUIZ: Practice for Exam 3 | Complete the Practice Material before class on Monday | Practice for Exam 3 | |
| | Wed | Lecture: Practice for Exam 3 (Focus on Ch 5) | | Review for Exam 3 | |
| | Thu | QUIZ: Practice for Exam 3 | Complete the Practice Material before class on Monday | Practice for Exam 3 | |
| | Fri | Lecture: Review for Exam 3 (Focus on Ch 7) | | Review for Exam 3 | |
| 17 | Mon | Exam 3 (Ch 4, 5, 7) | | Exam 3 | |