

**SUL ROSS STATE UNIVERSITY  
ACADEMIC CENTER FOR EXCELLENCE  
Common Course Syllabus Fall 2024  
MATH 0314 C01 11716      MWF 9:00-10:00  
MATH 0314 C02 11717      MWF 10:00-11:00**

**Co-requisite with  
MATH 1314 C01 11720      TTh 9:30-10:45  
MATH 1314 C02 11721      TTh 11:00-12:15**

**COURSE TITLE:** Introduction to College Algebra  
**CLASSROOM:** Ferguson Hall 201(FH 201)  
**YOUR SECTION #/TIME:** see above  
**YOUR INSTRUCTOR:** Mrs.Lamar  
**INSTRUCTOR'S Office:** Ferguson Hall 204 (FH 204)  
**INSTRUCTOR'S CONTACT INFO:** (432) 837 8338 Only for Calling  
**INSTRUCTOR'S E-MAIL:** [elba.lamar@sulross.edu](mailto:elba.lamar@sulross.edu)  
**INSTRUCTOR'S OFFICE HOURS:** M to F: 8:30-9:00, MW: 11:00-13:00 pm , TR: 12:30-1:15pm or by appointment

**CREDIT HOURS:** 3 **LECTURE HOURS:** 3 **MANDATORY CO-ENROLLMENT:** MATH 1314

**TSIA PLACEMENT:** a score < 950

**CATALOG DESCRIPTION: MATH 0314 Introduction to College Algebra (3-0).** This course is designed for students whose score on an approved assessment instrument does not meet minimum requirements on the mathematics portion of the assessment. Students who wish to earn a B.S. degree take MATH 1314. Topics included in this course are operations with polynomial expressions; methods for solving quadratic equations and inequalities; applications of quadratic equations; rectangular coordinate system and graphs of quadratic equations. Credit in this course cannot be used to satisfy requirements for any degree. Students must earn a grade of "C" or better to progress to the next level math course.

**TEXTBOOK:** We use the online learning system Hawkes Learning in this class. Student set up their online account in Hawkes, and accept the temporary access provided. Before the temporary access expires (approximately two weeks), the student must purchase their own access code (~\$89.00). Students without Hawkes access will be dropped from MATH 0314 and MATH 1314 with an F in each course.

\*Hawkes accounts are connected to MATH 1314 only, and students will need only one Hawkes account.

\*If student is retaking MATH 1314 and MATH 0314, then no access code will be needed.

**Hawkes support:**

Chat available 24/7

[www.hawkeslearning.com](http://www.hawkeslearning.com)

Phone support Monday

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

Email support

[support@hawkeslearning.com](mailto:support@hawkeslearning.com)

**NOTE: Permanent Hawkes codes are gifted to students in attendance during the third week of class. Students not in attendance when permanent codes are given out will be required to buy their own code. Students whose temporary access expires will be required to buy their own code. NO GIFTED CODES WILL BE GIVEN AFTER FRIDAY SEPTEMBER 13, 2024.**

**SUPPLIES:** In addition to your own Hawkes access code, you must have a notebook dedicated to this class. Recommended: a binder with dividers, pockets, and lots of paper; pencils and erasers.

## 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:

See your instructor's syllabus addendum for specific requirements.

## METHOD OF EVALUATION:

See your instructor's syllabus addendum for specific requirements. The grade of "PR" (Progress) can only be earned the first semester that you take this course. If you have to retake the course, then you may only receive a traditional letter grade.

## CO-REQUISITE MODEL:

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

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."

You will then spend the rest of the semester attempting to complete successfully your developmental math course. 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.**

<p><b>NOTE:</b> 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.</p>
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## 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](mailto:blackboardsupport@sulross.edu)

Using resources from the Technology Support tab within blackboard

Clicking the Support Desk graphic on the course homepage

E-Mail, BlackBoard, and Office 365

## 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 in Alpine offers 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/](http://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](mailto: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/](http://library.sulross.edu/find-and-borrow/texshare/) or ask a librarian by emailing [srsulibrary@sulross.edu](mailto:srsulibrary@sulross.edu).

New for Fall 2023: 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) and ScanIt 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:

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 the mid-term and final exams**. Failure to do so could result in your earning an "F" for the course.

If you must be absent, you are responsible for finding out what was covered and assigned in class in order 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.”

See your instructor’s syllabus addendum for specific attendance criteria.

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

### **COURSE COMMITMENT:**

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

- 1) Your registration in this course is the result of *your* math test scores and, at this time, those scores do not indicate that you could be successful in a college level math class. We want you to be successful in your college level math class, so learn everything that you can in this class.
- 2) It costs as much to take this class as it does to take any other SRSU three-hour course. Yet you know that this course does not count towards your degree. You will save a lot of money and time if you decide to clear your developmental math requirement as quickly as possible.
- 3) 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. So come to class and complete this course with a grade of “C” or better this semester.

**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 or “PR” (the first time you take a dev ed course only), then you will not be eligible to participate in any extracurricular SRSU activities next long semester. Extracurricular activities include, but are not limited to Student Government Association, Campus Activities, Athletics, and Rodeo.

**STUDENT ASSISTANCE/TUTORING:** Tutors are available free of charge in the Tutoring and Learning Center, Library first floor, in the Academic Support Center. Please check with the Tutoring and Learning Center for hours and days of tutor availability. You can also access Tutor.com via BlackBoard for free online tutoring.

### **AMERICANS WITH DISABILITIES ACT (ADA)**

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 at 432-837-8203 or email [mschwartz@sulross.edu](mailto:mschwartz@sulross.edu) or contact Alejandra Valdez, at 830-758-5006 or email [alejandra.valdez@sulross.edu](mailto:alejandra.valdez@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.

### **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.

## 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.

## INSTRUCTOR'S ADDENDUM

- **COURSE REQUIREMENTS:**

- Student is required to attend and participate in all MATH 0314 classes during the semester.
- Student is required to complete all MATH 0314 assignments by the due date (see class calendar).
- If satisfactory progress is not made, student is required to attend tutoring.

- **METHOD OF EVALUATION**

Assignments, Tests (see class calendar)

- **ATTENDANCE POLICY:**

- Student is expected to attend class regularly, and to participate in class discussions, assignments, and activities.
- Excessive absence policy: When the student has been absent the ninth time, the student may be dropped from the course with an F.

**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 final )

**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

## Hawkes Software - Objective to be covered

Introduction	Week 1
1.1 Real Numbers	
1.2 The Arithmetic of Algebraic Expressions	
1.3 Properties of Exponents	Week 2
1.4 Properties of Radicals	
1.5 Polynomials	
1.6 Factoring Polynomials	Week 3
1.7 Rational Expressions	
1.8 Complex Numbers	
2.1 Linear Equations in One Variable	Week 4
2.2 Linear Inequalities in One Variable	
2.3 Quadratic Equations in One Variable	
2.4 Polynomial and Polynomial-Like Equations in One Variable	Week 5
2.5 Rational Equations in One Variable	
2.6 Radical Equations in One Variable	
Review and Exam 1	Week 6
4.1 Relations and Functions	Week 7
4.2 Linear Functions	
4.3 Quadratic Functions	
4.4 Other Common Functions	Week 8
5.1 Transformations of Functions	
5.2 Properties of Functions	
5.3 Combining Functions	Week 9
5.4 Inverse of Functions	
Review and Exam 2	Week 10
6.1 Polynomial Functions and Polynomial Inequalities	Week 11
6.2 Polynomial Division and Polynomial Algorithm	
6.3 Locating Real Zeros of Polynomial Functions	
6.4 The Fundamental Theorem of Algebra	Week 12
6.5 Rational Functions and Rational Inequalities	
7.1 Exponential Functions and Their Graphs	

7.3 Logarithmic Functions and Their Graphs  
7.5 Exponential and Logarithmic Equations

Week 13

Final Review and Thanksgiving Break.

Week 14

Finals

Dec 6 and 9-11