

MATH 0314 C01 21181	MWF 9:00-9:50
MATH 0314 C04 21186	MWF 10:00-10:50
MATH 0314 C02 21182	MWF 11:00-11:50
MATH 0314 C03 21184	MWF 12:00-12:50

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.**

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.

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

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/. 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.

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 Schwartz Grisham, LPC, SRSU’s Accessibility Services Director at 432-837-8203 or email mschwartz@sulross.edu or contact Alejandra Valdez, at 830-758-5006 or email 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.

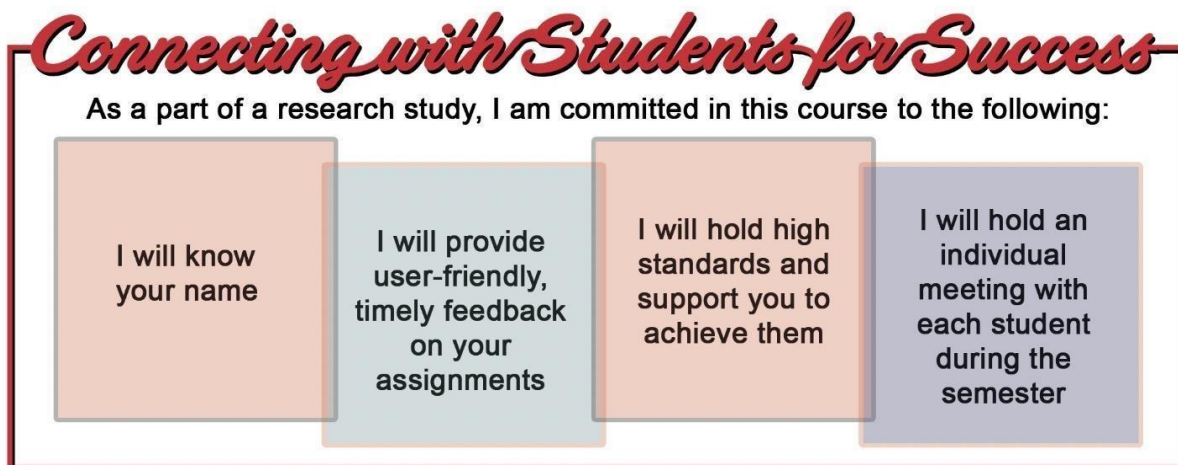
TEXAS SUCCESS INITIATIVE (TSI) ADVISING:

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.

INSTRUCTOR'S ADDENDUM



Connecting with Students for Success This course will be participating in an initiative at Sul Ross State University referred to as “Connecting with Students for Success”. This study is aimed at connecting with students in a way that sets them up for better success, overall. As a part of this study, each student will be required to meet with me at least once during my office hours before March 18th, 2024. This will be included in your grade for the Career Choice Project. The reasoning behind this, is that I would like to personally speak to each of you about how you feel regarding your project, help you with questions about your project, discuss how you feel about the class overall, and your time at Sul Ross State University. Please schedule an appointment with the professor, as soon as possible, via email. I will be flexible in scheduling these appointments with you. Please see the office hours available for scheduling on the first page of the syllabus. If you need another time frame, please discuss with the professor.

- **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**

Daily Grade (attendance and participation)

Notebook (complete and organized)

Assignments, Quizzes, Exams (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

Daily Grade: includes attendance, participation, and assignments.

Notebook: organized & complete

Quizzes & Exams

Students must earn 70% of available points within the weights as listed.

Activity	#	Points available	Weight	Maximum points	70% (minimum required)
Daily Grade	45 class days				
*Attendance	10 pts x 45	450			280
*Participation	10 pts x 45	450			280
*Assignments	10 pts x 20	200			140
Total Daily Grade		1100	50%	550	700
Notebook	100 pts x 4	400	20%	80	56
Quizzes	100 pts x 12	1200			840
Exam Reviews	100 pts x 4	400			
Exams	100 pts x 4	400			
Total Assessment		2000	30%	600	420

Spring 2024 MATH 0314 Tentative Class Calendar

Day	Date	Notes	Lesson
W	1/17	First Class Day	Introductions; Set up Hawkes Account; Syllabus
F	1/19		Continued Introductions; orient to ACE and Ferguson Hall; Orient to Hawkes
M	1/22		1.2 The Arithmetic of Algebraic Expressions
W	1/24		1.3 Properties of Exponents
F	1/26		1.4 Properties of Radicals
M	1/29		1.5 Polynomials
W	1/31		1.6 Factoring Polynomials
F	2/2		1.6 Factoring Polynomials
M	2/5		2.1 Linear Equations in One Variable
W	2/7		1.1 Real Numbers
F	2/9		1.8 Complex Numbers
M	2/12		2.3 Quadratic Equations in One Variable
W	2/14		2.3 Quadratic Equations in One Variable
F	2/16		REVIEW FOR EXAM 1
M	2/19		EXAM 1
W	2/21		3.3 Linear Equations in Two Variables
F	2/23		4.1 Relations & Functions
M	2/26		4.3 Quadratic Functions
W	2/28		5.2 Properties of Functions
F	3/1		5.1 Transformations of Functions
M	3/4		5.1 Transformations of Functions
W	3/6		5.3 Combining Functions
F	3/8		5.3 Combining Functions
M	3/11	SPRING BREAK	
W	3/13	SPRING BREAK	
F	3/15	SPRING BREAK	
M	3/18	MID TERM	REVIEW for EXAM 2
W	3/20		EXAM 2
F	3/22		5.4 Inverses of Functions
M	3/25		5.4 Inverses of Functions
W	3/27		5.4 Inverses of Functions
F	3/29		5.4 Inverses of Functions
M	4/1		7.1 Exponential Functions and their graphs
W	4/3		7.1 Exponential Functions and their graphs

F	4/5		7.1 Exponential Functions and their graphs
M	4/8		7.3 Logarithmic Functions and their graphs
W	4/10		7.3 Logarithmic Functions and their graphs
F	4/12		7.3 Logarithmic Functions and their graphs
M	4/15		7.3 Logarithmic Functions and their graphs
W	4/17		7.4 Logarithmic Properties
F	4/19		7.4 Logarithmic Properties
M	4/22		7.4 Logarithmic Properties
W	4/24		7.5 Exponential and Logarithmic Equations
F	4/26		7.5 Exponential and Logarithmic Equations
M	4/29		REVIEW FOR EXAM 3
W	5/1	Last Class Day	REVIEW FOR EXAM 3
F	5/3	Finals	Final Exams
M	5/6	Finals	Final Exams
T	5/7	Finals	Final Exams
W	5/8	Finals	Final Exams