SUL ROSS STATE UNIVERSITY
ACADEMIC CENTER FOR EXCELLENCE
Common Course Syllabus Fall 2022
MATH 0314 C03 11452

Co-requisite with
MATH 1314 C01 11449

COURSE TITLE: Introduction to College Algebra
CLASSROOM: Ferguson Hall 203 (FH 203)
YOUR SECTION #/TIME: Section C03 meets MWF 11:00-11:50
YOUR INSTRUCTOR: Cynthia McAlister
INSTRUCTOR'S Office: Ferguson Hall 206 (FH 206)
INSTRUCTOR'S PHONE #: 432-837-8522   **INSTRUCTOR'S E-MAIL:** cmca849@sulross.edu
INSTRUCTOR'S OFFICE HOURS: M, W, R: 2:00-4:00; T: 2:00-3:15; and 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 Hawkes Learning in this class. This is an online program and you will need to purchase access (~$89.00). You will set up your account and get a temporary access code on Day 1. You MUST purchase your own code before the temporary code expires in approximately 10 days. You will need one access code only even though you are enrolled in two classes.

Hawkes support: chat available 24/7; or call 843-571-2825 M-F, 9:00-5:00.

NOTE: If you do not purchase your Hawkes code before your temporary code expires, you will not be able to access the lessons, and you will be dropped from the course with a grade of F.

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 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, complete your homework assignments, quizzes, and exams, but it does not look like you will be able to pass the college-level course, 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 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 (ASC) so that you can be dropped from the college-level math course. Only the ASC can drop you from your college-level math course and only if you have the form signed by your college-level math instructor. You will not be allowed to drop your 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 ETHICS:
Please remember that real success comes from learning how to do the work yourself. Your instructors believe that you are an honest individual and expect that all of 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.

Technical Support
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 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

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 BlackBoard to send messages to your class, collect major assignments, provide you access to class assignments, and post your major paper grades. We will use BlackBoard in class. You need to be able to access both your SRSU e-mail, BlackBoard, and Office 365 accounts. If you need log-in help, please call 432-837-8888. Check your access early in the semester. I would recommend that you save your work on Office 365. This way you can access your work from any computer that has Internet access.

Writing Help
I strongly recommend that you use the tutors. You have several options for getting help:
   a) Tutoring and Learning Center (TLC) located in the library; however, face-to-face
      tutoring will not be available this fall. You will need to call the TLC (432-837-8982 or email
      abanegas@sulross.edu) in order to set up a Microsoft Teams tutoring session with one of the writing tutors.
   b) Smarthinking (online tutoring services available on BlackBoard) – be sure to allow 48
      hours turnaround time.

SRSU Library Services

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 phone (432-837-8123).

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.

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 (ED 0200/ED 0300, ENG 0200/ENG 0300, 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 Smarthinking via BlackBoard for free online tutoring.

Americans with Disabilities Act (ADA)
Any student who because of a disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make necessary arrangements. If an accommodation is needed, students must present their accommodation letter, obtained from Accessibility Services, as soon as possible. Please note that instructors are not permitted to provide classroom accommodations to a student until the appropriate verification has been received. Accessibility Services is in Ferguson Hall room 112. You can make an appointment by calling Mary Schwartze Grisham at 432 837-8203.

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 (ASC), which is located in the Library/first floor and their phone number is 432-837-8982.

Academic Integrity:

Students in this class are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. A scholar is expected to be punctual, prepared, and focused; meaningful and pertinent participation is appreciated. Examples of academic dishonesty include but are not limited to: 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.

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.

Diversity Statement

"I aim to create a learning environment for my students that supports a diversity of thoughts, perspectives and experiences, and honors your identities (including race, gender, class, sexuality, religion, ability, socioeconomic class, age, nationality, etc.). I also understand that the crisis of COVID, economic disparity, and health concerns, or even unexpected life events could 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 an inclusive 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

- **COURSE REQUIREMENTS:**
- Student is required to attend all MATH 0314 classes during the semester.
- Student is required to complete all MATH 0314 assignments (see class calendar).
- If satisfactory progress is not made, student is required to attend tutoring.

- **METHOD OF EVALUATION:**
  - 33%   Daily Grade (attendance and participation)
  - 34%   Notebook (complete and organized)
  - 33%   Assignments (see class calendar)

Accumulation of the noted percentages will result in a passing grade.

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

MATH 0342 Common Course
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Fall 2022 MATH 0314 Tentative Class Calendar					
Day	Date	Notes	Lesson	Assignments	
M	8/22	First Class Day	Introductions; Set up Hawkes Account; Syllabus	Respond to my email	Math Lesson
W	8/24		1.1 The Real Number System (Number Taxonomy and Inequalities)	Bb orientation	Math Lesson
F	8/26		1.1 Set Builder and Interval Notation; Absolute Value; 1.2 Arithmetic w/ Algebraic Expressions	Math Lesson	
M	8/29		1.2 Arithmetic w/ Algebraic Expressions (Vocab: Term, Coefficient, Factor, Expression, Union, Intersection)	Math Lesson	
W	8/31		1.2 Arithmetic w/ Algebraic Expressions (Vocab: Term, Coefficient, Factor, Expression, Union, Intersection)	Math Lesson	Quiz
F	9/2		1.3a Properties of Exponents	Math Lesson	
M	9/5	Holiday	no class	no class	
W	9/7		1.3a Properties of Exponents	Prepare for Exam 1; practice quiz	Notebook check
F	9/9		Review for Exam 1 1.1-1.3b due today		
M	9/12		1.4a Properties of Radicals	Math Lesson	
W	9/14		1.4a Properties of Radicals	Math Lesson	Quiz
F	9/16		1.4b Rational Number Exponents	Math Lesson	
M	9/19		1.4b Rational Number Exponents	Math Lesson	
W	9/21		1.4b Rational Number Exponents	Math Lesson	
F	9/23		1.5 Polynomials and Factoring; Vocab: polynomial, mono, bi, tri, descending order, degree, leading coefficient, GCF,	Math Lesson	
M	9/26		1.5 Polynomials and Factoring; Vocab: polynomial, mono, bi, tri, descending order, degree, leading coefficient, GCF,	Math Lesson	
W	9/28		1.6 Complex Number System	Math Lesson	Quiz
F	9/30		1.6 Complex Number System	Prepare for Exam 2; practice quiz	Notebook check
M	10/3		Review for Exam 1.4-1.6 due today		
W	10/5		2.1a Linear Equations in One Variable; 2.1b Applications: Linear Eqs in one variable	Math Lesson	Quiz
F	10/7		2.1a Linear Equations in One Variable; 2.1b Applications: Linear Eqs in one variable	Math Lesson	
M	10/10		2.2 Linear Inequalities in One Variable	Math Lesson	
W	10/12		2.2 Linear Inequalities in One Variable	Math Lesson	Quiz
F	10/14		2.2 Linear Inequalities in One Variable	Math Lesson	
M	10/17	mid term	2.3 Quadratic Equations in One Variable; 2.5 Rational Expressions & Equations	Math Lesson	
W	10/19		2.3 Quadratic Equations in One Variable; 2.5 Rational Expressions & Equations	Math Lesson	Quiz
F	10/21		2.5 Rational Expressions and Equations	Math Lesson	

M	10/24		2.5 Rational Expressions and Equations	Math Lesson	
W	10/26		2.5 Rational Expressions and Equations	Math Lesson	Quiz
F	10/28		2.6 Radical Equations	Prepare for Exam 3; practice quiz	Notebook check
M	10/31		Review for Exam 3 2.1-2.6 due today		
W	11/2		3.1 Cartesian Coordinate System	Math Lesson	Quiz
F	11/4		3.2 Linear Equations in Two Variables	Math Lesson	
M	11/7		3.2 Linear Equations in Two Variables	Math Lesson	
W	11/9		3.3 Forms of Linear Equations	Math Lesson	Quiz
F	11/11	Holiday	no class	no class	
M	11/14		4.1 Relations & Functions	Math Lesson	
W	11/16		4.2a Linear & Quadratic Functions; 4.2b Max/Min Applications	Math Lesson	Quiz
F	11/18		4.5 Combine functions 4.6 Inverses of Functions	Math Lesson	
M	11/21		4.6 Inverses of Functions	Math Lesson	
W	11/23	Thnx Give	no class	no class	
F	11/25	Thnx Give	no class	no class	
M	11/28		7.1 Exponential Functions and their graphs	Quiz	
W	11/30	Last Class Day	7.2 Applications of Exponential Functions	Prepare for Exam 4; practice quiz	Notebook check
F	12/2	Finals	no class	no class	
M	12/5	Finals	no class	no class	
T	12/6	Finals	no class	no class	
W	12/7	Finals	Final Exam (Mrozinski's class only)	no class	