



MATH 3A: COLLEGE ALGEBRA
FALL 2019

Instructor Information

- Mrs. Kelsey Casteel
- When you need to get in contact with me, please message me through the Canvas messaging system. When you are in Canvas click on the “inbox” tab on the main left hand side menu. If Canvas is down (fingers crossed that never happens), then please email me @ kelsey.casteel@reedleycollege.edu.
- Office Hours are held in FEM 1G (far corner of the Math center). I will be there Mondays, Wednesdays, and Fridays 9:00 – 9:50 am and Tuesdays and Thursdays 10:00 – 10:50 am. My office phone number is 559-638-0300 x 3799

Course Information

Welcome to Math 3A, College Algebra! Our section number is 55124. This is a 100% online class, which means you will never be required to come to campus. All assignments and exams will be done online. This class lasts from Monday August 12th through Monday December 9th.

Course Description

This is a college level course in algebra for majors in science, technology, engineering, and mathematics. Students will study polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry.

- Advisories: Eligibility for English 1A
- Prerequisite(s): Mathematics 103 or equivalent
- Credits: 4

Course Materials

Required: MyMathLab access (MyMathLab includes an e-text copy of the textbook, so you are not required to have a physical copy of the book). You will set up your MyMathLab account through Canvas. There is a MyLab and Mastering tab on the left hand side of the Canvas page.

Required: Calculator. I recommend a graphing calculator, such as a TI-83, TI-84, or TI-89 (TI stands for Texas Instrument). A scientific calculator will also work for this class, such as a TI 30 XIIS. If you do not want to purchase a calculator, there are free online calculators available. I love to use Desmos <https://www.desmos.com/>.

Optional: *College Algebra* 12th edition by Lial, Daniels, Hornsby, and Schneider ISBN-13: 9780134217451

Student Learning Outcomes

Upon completion of this course, students will be able to:

- Analyze properties of various types of functions.
- Synthesize results from the graphs and/or equations of functions.
- Solve various types of equations and inequalities.
- Apply appropriate techniques to model real world applications.
- Use formulas to find sums of finite and infinite series.

Course Objectives

In the process of completing this course, students will:

- Analyze and investigate properties of functions, including linear, polynomial, absolute value, rational, radical, exponential, and logarithmic functions;
- Synthesize results from the graphs and/or equations of functions, including linear, polynomial, rational, radical, exponential, and logarithmic functions;
- Apply transformations to the graphs of functions;
- Recognize the relationship between functions and their inverses graphically and algebraically;
- Solve and apply rational, linear, polynomial, radical, absolute value, exponential, and logarithmic equations and solve linear, nonlinear, and absolute value inequalities;
- Solve systems of equations and inequalities;
- Apply techniques for finding zeros of polynomials and roots of equations;
- Apply functions and other algebraic techniques to model real world applications;
- Analyze conics algebraically and graphically; and
- Use formulas to find sums of finite and infinite series.

Grading

You can see your assignment grades and overall class grade anytime in Canvas. The gradebook in MyLab will not include the discussion grade, so that grade is not a correct reflection of your overall class grade. Your overall class percentage is broken down as follows:

- Exams and Final Exam: 60%
- Assignments: 35%
- Discussions: 5%
- MyLab content: 0% (any assignment labeled as MyLab content has no impact on your grade)

Based on your overall class percentage, letter grades will be assigned based on the following intervals:

89.5 - 100%	A
79.5 - 89.4%	B
69.5 - 79.4%	C
59.5 - 69.4%	D
0 - 59.4%	F

Assignments and Discussions

All assignments for this class are done through MyLab or will be submitted through Canvas. You will have unlimited time and attempts for all questions in each assignment. Discussions are handled through Canvas.

Late Work

The closing time of an assignment/discussion/exam is 11:59 pm on the due date. All due dates are clearly shown in Canvas and in MyLab. It is your responsibility to pay attention and stay on track. Not having an internet connection or running out of time are not valid excuses for an extension. Work ahead so that you are not panicking as you watch the clock approach 11:59 pm.

- For assignments and discussions: you can work on assignments and discussions past the due date, but will only receive 60% of the credit. If you have a 10 point assignment that you complete late, you will only get 6 points. This deduction only applies to work done after the due date. Any points earned before the due date will not have this deduction. **All work for this class is due at 11:59 pm on Monday December 9th.**
- For exams: No make-up exams will be given for any reason. If a student misses an exam, the final exam score will go in for that missing score. This applies for only one missing exam.

Extra Credit

There are no extra credit opportunities available for this class.

Exams

This course will follow the layout of the textbook, beginning with review and ending in chapter 7. Chapters 1 – 4 each have their own exam. Exam 5 will have content from chapters 5 and 6. Content from chapter 7 will be assessed on the final. All exams are timed and will have equal weight in your overall class grade percentage. **No make up exams will be given for any reason. When you begin an exam, make sure you will be able to complete it in that one sitting. Once an exam has been started, it must be completed.** **If you have testing accommodations through the DSP&S office please talk with me as soon as possible.

Final Exam

There will be a mandatory, cumulative final exam at the end of the class. Because there are no make-up exams, if a student misses an exam then the final exam score will go in for that grade. If a student has not missed any exams, then the final exam will go in for the lowest exam given the final score is higher. As an example, say your exam scores are 80%, 65%, 78%, 81%, and 90% and you receive an 85% on the final. Then in the gradebook, you would have an 85% for the final, and Exam 2 that used to be 65% would be 85%.

Technology

As a student of SCCCD, you are given a free student email account. Make sure you are able to login to this account and check it on a regular basis (at least once a day). You can also set it up through your smart phone if you have one and set up email alerts so that you never miss anything important. Your student email is the

official way your instructors communicate with you outside of class. In addition to your email account, you also have a Canvas account set up by the college. I will use Canvas to post homework, make announcements, keep track of grades, ect. Make sure you have access and sign in on a regular basis.

Access to reliable internet is mandatory for success in this class. If you do not have access to the internet from home, you need to figure out places you can go to work. ***Not having access to the internet is not an excuse for incomplete work.***

Resources

- Your instructor
- Your fellow students
- MyLab resources – the textbook, lecture videos, power point slides ect.
- FREE online tutoring through Smarthinking. You will see the tab on the left hand side menu of the Canvas page.
- Online resources: Khan Academy, YouTube, any other websites you find that are helpful (please share with the rest of the class).
- If you are on campus you can get FREE tutoring in the Math Center (FEM 1G) or in the Learning Center in the Library.

Drop Policies

You will be dropped from the course if any of the following occur:

- Not responding to the “Introduce Yourself” discussion post by Wednesday August 14th at 11:59 pm
- Not having an active MyLab account by Wednesday August 14th at 11:59 pm
- Not completing the syllabus quiz by Wednesday August 14th at 11:59 pm
- Not having paid access, full access to MyLab by Friday August 30th at 11:59 pm

If you decide you no longer want to be in the class, it is your responsibility to drop the course in Webadvisor.

College Policies

Accommodations for Students with Disabilities

If you have a verified need for an academic accommodation or materials in alternate media (ie: Braille, large print, electronic text, etc.) per the American With Disabilities Act or Section 504 of the Rehabilitation act please contact me as soon as possible.

Academic Dishonesty

“Students at Reedley College are entitled to the best education that the college can make available to them, and they, their instructors, and their fellow students share the responsibility to ensure that this education is honestly attained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors. Academic

dishonesty in any form is a very serious offense and will incur serious consequences" (Reedley College Catalog pg 49).

Cheating

``Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, in an attempt to gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another's work, supplying one's work to another, giving or receiving copies of examinations without an instructor's permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely" (Reedley College Catalog pg 49).

Student Rights

``Student rights are protected by federal and state laws, and by policies established by the trustees of the State Center Community College District. It is therefore essential for the protection of students' rights that procedures be established and followed which would identify violations of student conduct standards and the resolutions of such violations. Students have a right to an oral or written notice (reasons for disciplinary action), an opportunity for a review, and a decision given orally or in writing. For more information contact the Vice President of Student Services' office. (Board Policy 5520, Administrative Regulation 5520)" (Reedley College Catalog pg 49).

Important Dates

- Monday August 12th : Start of the semester
- Friday August 23rd : Last day to drop a full term (18 week) course for a full refund
- Monday September 2nd : Last day to drop the class and NOT receive a W (withdraw). It is as if you were never in the class.
- Monday September 2nd : Labor Day Holiday (no classes, campus closed)
- Friday October 11th: Last day to drop a full term class (letter grades assigned after this date)
- Monday November 11th : Veterans Day Observed (no classes held, campus open)
- Thursday/Friday November 28-29th : Thanksgiving Holiday (no classes held, campus closed)
- December 9-13th : Final exam week. **Our final is due Monday December 9th at 11:59 pm, as well as any late work.**

*** This syllabus is subject to change at the discretion of the instructor ***