

# Math 3A 52007 College Algebra

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**Catalog 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

**Prerequisites:** Math 103 (Intermediate Algebra)

## Student Learning Outcomes

Upon successful 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.

June 5	M	Class Begins
June 7	W	Students who have not logged into MyLab by this date will be dropped as a No Show.
June 9	F	Last day to drop this course without receiving a "W"
June 19	M	Must have paid access to MyLab, students without paid access may be dropped
June 23	F	Last day to drop this course
July 14	F	Final Exam Due

## Required:

- MyLab Access: Must enter MyLab using the link on our class Canvas page
- a scientific calculator, the TI-30XS is recommended, any will work.
- Access to a computer with high speed internet

## Homework:

- Homework (and exams) will be due weekly, due dates are listed in MyLab. Do not wait until the last days before the due date to do an entire week of assigned work, it will be too much.
- The videos will not cover every detail in the assignments. The textbook also needs to be studied. There is a Textbook link in every assignment.
- To maximize learning work should be done neatly on paper. You should have paper, pencil, and a calculator with you at all times when working on this class. Your work should be shown and written in a neat, organized way on paper as if it were being graded. Your results must be submitted in MyLab.

**Exams:** There will be an exam at the end of each chapter in this course. Exams will be timed and can be taken one time only.

**Final Exam:** There will be a comprehensive final exam assessing your knowledge of all topics covered in this course at the end of the semester. The final exam will count as a regular exam toward your final grade.

**Grades:** Final grades will be calculated based on weighted categories as follows.

Homework	40%
Exams and Final Exam	60%

**Grading Scale:**

90<A<100
80<B<90
70<C<80
60<D<70
0<F<60

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) 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. The student receiving the grade for this course on their transcript must be the person doing the work at ALL times in this class. Academic dishonesty in any form is a very serious offense and will incur serious consequences ranging from a failing grade on a specific assignment to a failing grade in the course.