

MATH 3A –College ALGEBRA (#53982)
Math 273-53988
Course Id: perez92055
Fall 2019

Instructor: Mr. Conrad Perez
Class Time: MTWTH 10:00 AM – 10:50 AM
Classroom: SOC - 31
Office: FEM – 1H
Office Hours: MWF: 12:00 PM – 1:00 PM; TTH: 9:00 AM – 10:00 AM;
or by appointment
Phone: 638-3641 ext. 3255
E-Mail: conrad.perez@reedleycollege.edu

Textbook (Optional): College Algebra (Seventh Edition) by Blitzer

Web Access (Required): Course Compass access code must be purchased.

Computer Requirements:

	Operating systems	browsers
Windows	Windows 10	Edge 12 or newer Firefox 45 or newer Chrome 49 or newer
	Windows 7, 8, and 8.1	Internet Explorer 11 Firefox 45 or newer Chrome 49 or newer
	Mac OS	Safari 10
	OS X 10.12 - Sierra	Firefox 45 or newer Chrome 49 or newer
	OS X 10.11 - El Capitan	Safari 9 or newer Firefox 45 or newer Chrome 49 or newer
	OS X 10.10 - Yosemite	Safari 8 or newer Firefox 45 or newer Chrome 49 or newer
	OS X 10.9 - Mavericks	Safari 7 or newer Firefox 45 or newer Chrome 49 or newer

- Internet Connection: Cable/DSL, T1 or other high-speed connection. You **cannot** use a dial-up modem for the course.
- Adobe Acrobat Reader

Important Dates: Drop Deadline- Fri. Oct 11, 2019.

Days Off- Mon. Sept 2; Mon. Nov 11; Thur.-Fri. Nov 28 - 29.

Final Exam- Wed. Dec 11, 2019 from 10:00 AM to 11:50 AM

Course Prerequisites: C or better grade in Math 103 or equivalent.

Course Overview: The course will cover all or parts of chapters 1-8. The course objective is to obtain a solid understanding of the following algebraic concepts and problems:

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

Attendance: After 4 absences, students may be dropped from the class. Late arrival and leaving class early will be considered an absence. Any canceled classes will have a note posted on the classroom door.

Behavior: A student may be suspended from the class if he or she engages in a classroom behavior that interferes with the learning environment. Such behavior includes, but is not limited to, disruptive conversations with fellow students, regular tardiness, sleeping, and leaving the classroom during class time. Students are expected to turn off all cell phones and other electronic devices during class time.

Assignments: There will be 5 to 7 exams worth 200 points apiece and a comprehensive final worth 400 points. Homework assignments will be worth 10 points apiece and these will be done online at the MyLab/Mastering website:

<http://www.pearsonmylabandmastering.com>

A student not registered on the MyMathLab website by the first Friday of the semester will be dropped from the course. A student with 3 consecutive 0s on the homework may be dropped from the course. Quizzes will be worth 1-10 points each. Some homework and/or extra credit may be assigned as group work during the semester. No homework will be accepted after its due date or no make-up exams will be given without prior arrangements being made before the homework's due date or before the exam. Quizzes

cannot be made up. A student caught cheating will receive an F on the assignment and/or may be dropped from the course. Students must spend 2 hours per week in the Math Center (Math 273). If at any time during the semester if a student is dropped from Math 273, then they may be dropped from Math 3A.

Grading: The course grade is based upon the points earned from the homework, quizzes, exams, extra credit, and the final. At any time during the course, the grade of a student is determined as follows:

$$\frac{\text{Points Earned}}{\text{Total Points Possible}} \times 100 = \text{grade of the student}$$

The grade will be based upon the following percentages (**NO ROUNDING**):

90-100% A 80-89% B 70-79% C 65-69% D 0-64% F

Note: 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.