

Math 1314 College Algebra Syllabus

Purpose of Course: To provide a standard course in college algebra including quadratic equations, inequalities, the binomial theorem, and many other concepts necessary for a transferable course in college algebra.

Textbook: College Algebra, by Blitzer 6th edition, ISBN 978-0-321-78228-1

Attendance: Attendance of all class meetings is mandatory. In order to be officially dropped from the class, students must go to the registrar's office to withdraw with a grade of W (withdrawal from class with no penalty). Students who fail to withdraw themselves from a class will receive an F for the course.

Cell Phones: In this class, the instructor reserves the right to ask a student to leave the class if a cell phone is left on and it disrupts the class. This instructor defines disrupting the class as allowing the phone to ring or vibrate in class or answering the phone. This is very disrespectful to other students around you and to the instructor.

Grade Determination: Your final grade will be the average of the major exams, the homework, and the final exam. There will be no make up exams given. A missed exam will receive a grade of 0. The final exam will be used to replace a missed exam by being counted twice. A 90-100 B 80-89 C 70-79 D 60-69 F 0-59

***During exams the use of or possession of smartphones, smart watches, water bottles or any bottled drinks, and bathroom breaks are not allowed. Any infraction will be penalized with a zero on the days assignment and can result in removal from the class.**

Homework: Homework will be assigned daily. Questions are taken at the next class period only. You are responsible for keeping up to date and prepared. No late homework will be accepted...no exceptions. Keeping up to date and current on homework has been shown to correlate with passing the course. Some short homework assignments will be done in class and be turned in during class. Those homework assignments will not be made up.

Dropping a course: Refer to the current catalog.
(Tutoring and videotapes are available and will be announced by the instructor.)

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disabilities Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance to federal law, a student requesting accommodations must provide acceptable documentation of his/her disability. For more information, call or visit the Disability Services Office in the Student Services Building, 806-716-2577.

COURSE OUTCOMES: To complete this course and receive a passing grade, the student will be using empirical, quantitative, qualitative and communication skills to help them master the following.

- *Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions and inverses.
- *Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations.
- *Apply graphing techniques.
- *Evaluate all roots of higher degree polynomial and rational functions.
- *Recognize, solve and apply systems of linear equations using matrices.

Class: Math 1314.003 Sect. 3 MW 10-11:45 M121

Semester: Fall 2016

Instructor: Alma F. Lopez

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Monday	Tuesday	Wednesday	Thursday	Friday
Office Hours 9-10, 3-4 pm	Office Hours By appt	Office Hours 9-10, 3-4 pm	Office Hours By appt	Office Hours 9-11:30
August 29 Forms and Assessment	August 30	August 31 1.2,1.3	September 1	September 2
September 5 Labor Day Holiday	September 6	September 7 1.4,1.5	September 8	September 9
September 12 1.6	September 13	September 14 1.6,1.7	September 15	September 16
September 19 Review	September 20	September 21 Test 1	September 22	September 23
September 26 2.1,2.2	September 27	September 28 2.3,2.6	September 29	September 30
October 3 2.4	October 4	October 5 3.1	October 6	October 7
October 10 Review	October 11	October 12 Test 2	October 13	October 14 Fall Break
October 17 3.2,3.3	October 18	October 19 3.4	October 20	October 21
October 24 3.5	October 25	October 26 3.6	October 27	October 28
October 31 Review	November 1	November 2 Test 3	November 3	November 4
November 7 4.1,4.2	November 8	November 9 4.3,4.4	November 10	November 11
November 14 4.5,5.1	November 15	November 16 6.3,5.4	November 17 LDTD	November 18
November 21 5.5,5.2	November 22	November 23 Thanksgiving Break!	November 24 Thanksgiving Break!	November 25 Thanksgiving Break!
November 28 6.2,6.5	November 29	November 30 8.5, Review	December 1	December 2
December 5 Test 4	December 6	December 7 Final Review	December 8	December 9
December 12	December 13	December 14 Final Exam 10:15-12:15	December 15	December 16