Math 1314 College Algebra

Purpose of Course: To provide 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 and Supplies: College Algebra, by Blitzer 7th edition, and a scientific calculator. (graphing calculators are not allowed)

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. 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 students 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, vibrate in class or answering the phone in class. This is very disrespectful to your classmates and your instructor.

Grade Determination: Your final grade will be the average of the major exams, the homework average and the final exam. There will be no makeup exams given. A missed exam will receive a grade of 0. The final exam will be used to replace a missing test grade by being counted twice.

A(90-100) B(80-89) C(70-79) D(60-69) F(0-59)

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 turned in during the class. These in class assignments cannot be made up.

*During exams and quizzes the use or possession of smartphones, smart watches, water bottles or any labeled bottled drinks, and bathroom breaks are not allowed. Any infraction will be penalized with a minimum 15 point deduction on exam and can result in the removal of the student from the course.

Dropping a course: Refer to the current catalog.

Equal Opportunity: 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 change, 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 Disabilities 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:

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

Class: Math 1314.009 TT 10-11:45 M122 Semester: Spring 2018
Instructor: Alma F. Lopez Office: M116D 806-716-2640
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Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
January 15 **MLK Holiday**	January 16 Forms and Assessment	January 17	January 18 1.2 ,1.3	January 19
January 22	January 23 1.4,1.5	January 24	January 25 1.6	January 26
January 29	January 30 1.7	January 31	February 1 Review	February 2
February 5	February 6 **Test 1**	February 7	February 8 2.1,2.2	February 9
February 12	February 13 2.3,2.6	February 14	February 15 2.4,2.8	February 16
February 19	February 20 3.1	February 21	February 22 Review	February 23
February 26	February 27 **Test 2**	February 28	March 1 3.2, 3.3	March 2
March 5	March 6 3.4	March 7	March 8 3.5	March 9
March 12 **Spring Break**	March 13 **Spring Break**	March 14 **Spring Break**	March 15 **Spring Break**	March 16 **Spring Break**
March 19	March 20 3.6	March 21	March 22 Review	March 23
March 26	March 27 **Test 3**	March 28	March 29 4.1, 4.2	March 30
April 2 **Easter Holiday**	April 3 4.3,4.4	April 4	April 5 4.5,5.1	April 6
April 9	April 10 5.4	April 11	April 12 5.2	April 13
April 16	April 17 6.2,5.5	April 18	April 19 6.5	April 20
April 23	April 24 8.5	April 25	April 26 **LDTD** Review	April 27
April 30	May 1 **Test 4**	May 2	May 3 Final Review	May 4
May 7	May 8 **Final Exam** 10:15-12:15	May 9	May 10	May 11 **Commencement**