

# MATH 1314: College Algebra-WEB

Instructor: César Sánchez  
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Office Phone: 432-335-6637  
Office Hours: 10 am-12 pm T/Th, 1 pm – 2 pm MTWTH  
Or by appointment  
Email: **CSanchez@odessa.edu**  
Meet: Web  
Text: College Algebra, 5<sup>th</sup> Edition  
by Blitzer (available through coursecompass.com)

## **Math 1314:** (3-0) 3 hours

Includes sets, complex numbers, quadratic and quadratic form equations, inequalities, functions, systems of equations and topics selected from exponential and logarithmic functions, matrices, determinants, binomial theorem, math induction and sequences and series. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. The student should be able to probe for mathematical meaning and, perhaps, describe these meanings to others. Placement testing available. (SCANS 3, 8, 9, 11) Prerequisite: MATH 0375 passed with a "C" or better, high school Algebra II, or an independent school district/OC dual enrollment form.

**About the course:** This course is intended to provide students with the skills necessary to use tools from algebra to solve problems in a variety of contexts.

**Learning Objectives:** Students obtain those algebra skills needed for subsequent studies in pre-calculus and calculus.

## **\*Tentative Course Outline**

We will be covering chapters 1-8. We will cover only a limited selection out of chapters 6 through 8.

**Methods of assessment:** The expected learning outcomes for the class will be assessed through exams, in-class activities, homework, class discussions, and/or active learning activities. Group work outside of class is encouraged.

**Exams:** Exams will be taken during school hours. You will have 120 minutes to complete the test. The Final Exam will be 150 minutes and it will be comprehensive. \*\*\*\*The Final Exam MUST be taken on campus!! No Exceptions!! You will have a week to complete it in our math lab (ET 120) and you will have to provide an id to take the test.

**Homework:** Homework will be available every MWF and due by the next class period. NO LATE HOMEWORK WILL BE ACCEPTED!

<b>Grading:</b>	<b>Scale:</b>				
Homework:	25%	90 – 100%	A	Below 69%	F
Tests:	40%	80 – 89%	B		
Final:	35%	70 – 79%	C		

**Make-up:** **Absolutely no make-up tests will be given.** If you need to miss, it is your responsibility to turn in homework prior to class. It is your responsibility to schedule an EARLIER test date if you know you will be unavailable on Test Day. **No late homework or tests** will be accepted.

**Civility:** Students are expected to assist in maintaining an environment which is conducive to learning. Please be respectful in your emails and comments posted on the website.

**Calculators:** A graphing calculator is recommended. You will need a calculator that can do matrix manipulations such as row reductions and that can graph most functions. I would recommend a TI 83 or 84. Do not get a TI 86, TI 92, or any other that can do the factoring for you. Cell phones and similar devices may NOT be used as calculators. The instructor reserves the right to not allow any particular calculator. Check with the instructor immediately to make sure yours is allowed.

**Tutorials:** Tutors are available in the Math Center. I strongly encourage the use of this resource. The tutoring center is located in ET 110 and is available to everyone enrolled in this course free of charge.

### **Learning Resource Center (The Library)**

The Library, known as the Learning Resources Center, provides research assistance via the LRC's catalog (print books, videos, e-books) and databases (journal and magazine articles). Research guides covering specific subject areas, tutorials, and the "Ask a Librarian " service provide additional help.

### **Student Email**

Please access your [Odessa College Student E-mail](http://www.odessa.edu/gmail/), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

### **Student Portal**

### **Technical Support**

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at [https://www.odessa.edu/dept/ssc/helpdesk\\_form.htm](https://www.odessa.edu/dept/ssc/helpdesk_form.htm).

### **Important School Policies**

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or student's and instructors' right to academic freedom can be found in the Odessa College Student Handbook.

**SPECIAL NEEDS:** Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

assignment	Due Date
1.1	1/24
1.2	1/26
1.4	1/28
1.5	1/31
Chapter 1 Test	2/4
2.1	2/7
2.2	2/9
2.3	2/11
2.5	2/14
2.6	2/16
2.7	2/18
2.8	2/21
Chapter 2 Test	2/25
3.1	2/28
3.2	3/2
3.3	3/4
3.4	3/7
3.5	3/9
Chapter 3 Test	3/11
spring break	3/13-3/19
4.1	3/21
4.2	3/23
4.3	3/25
4.4	3/28
Chapter 4 Test	3/30
5.1	4/1
5.2	4/6
6.1	4/8
5.4	4/11
Chapter 5/6 Test	4/13
7.1	4/15
7.2	4/18
7.3	4/20
Chapter 7 Test	4/22
8.1	4/25
8.2	4/27
8.3	4/29
8.5	5/2
8.4	5/4
Chapter 8 Test	5/6
Final Exam	5/9-5/12
Spring Graduation	5/13