

Math 1314.X1WB
College Algebra – Web Based
Midwinter 2011
12/12/11 – 01/10/2012

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Class : Web class

Welcome to college algebra! This course information will tell you about the course. Almost all of your questions can be answered by reading this sheet. If you still have questions after reading over this information, please contact me! I would be glad to clarify anything for you! Good luck!

Course Description

MAT MATH 1314 College Algebra (27.0101.5419) (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 is 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 enrolment form.
SCANS 3, 8, 9, 11

Course Objectives

After completing this course, the student should be able to demonstrate competency in:

- 1.0 Functions and graphs
- 2.0 Polynomials and rational functions
- 3.0 Exponential and logarithmic functions
- 4.0 Systems of equations and matrices
- 5.0 Conic sections
- 6.0 Other topics in algebra

Required Materials

Required Software: MyMathLab
Optional Textbook: *College Algebra* by Blitzer, 8th Edition
Materials: Scientific Calculator
Graphing paper (optional)

Technology

Online students must have a valid e-mail address to register for computer software. The email address that you use to register your software will be the email address to which I will send any information or announcements. Please check this account regularly. It is

recommended that you use your Odessa College email address. Most work is done through the internet, so you need internet access. There will be a project to turn in to me that is not on the internet.

Term Grade

Your term grade will be determined according to the following distribution:

| | Homework | Quizzes | Exams 7-8 | Final Exam |
|------------|-----------------|----------------|------------------|-------------------|
| Percentage | 10% | 15% | 50% | 25% |
| Drops | 0 | 0 | 0 | 0 |

| Percentage (%) | Grade |
|----------------|-------|
| 90-100 | A |
| 80-89.9 | B |
| 70-79.9 | C |
| 60-69.9 | D |
| Below 60 | F |

Homework

Homework will be assigned for each section. You have multiple chances to correct your homework.

Project or Activity

There will be assigned a problem activity to be turned into me through email or your instructor. This problem should be written very neatly and completely solved.

Quizzes

Quizzes are under the test section. Please watch carefully the due dates. You will have only one try on the quizzes.

Communication

Communication plays a vital role in an online student's success. Communication methods for this course include announcements, email and communication with your instructor. Any emails I receive will be answered within 2 business days. .

Exams

Exams are generally given at the end of each chapter. There are practice exams and I encourage you to take these prior to the due date to allow time for studying your mistakes. The suggestion completion dates are provided later in this document. If you do not take the final exam, you will receive an F in the course.

THE FINAL EXAM IS PROCTORED. YOU MAY TAKE THE FINAL EXAM IN THE OC MATH LAB ON THE ODESSA COLLEGE CAMPUS ON JANUARY 10, 2012. IF YOU ARE NOT IN THE ODESSA AREA YOU NEED TO LET ME KNOW WHO WILL BE PROCTORING YOU. I WILL NEED THEIR NAME AND CONTACT INFORMATION.

Back-Up Plan

You must have a back-up plan for this course in case your primary computer fails during the semester. Please detail the location of the two computers in your student information sheet. The two computers should not be in the same building in case of an internet failure.

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.

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, 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.**

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.

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.

The test dates are tentative.

| Chapter | Suggested Date |
|---------|----------------|
| 1 | 12-15 |
| 2 | 12-20 |
| 3 | 12-27 |
| 4 | 12-31 |
| 5,6 | 1-4 |

| | |
|-------|-------------------|
| 7,8 | 1-8 |
| Final | 1-10 by 5:00 p.m. |