

Course Syllabus

NOTE: This syllabus is subject to change during the semester. Please check this syllabus on a regular basis for any updates.

Department : Mathematics
Course Title : College Algebra
Section Name : MATH_1314_5135
Start Date : 08/22/2011
End Date : 12/8/2011
Modality : FACE-TO-FACE
Credits :

Instructor Information

Name : Margaret Street
OC Email : mstreet@odessa.edu
OC Phone # : (432) 335-6863

Course Description

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.

Prerequisites/Corequisites

Prerequisite: MATH 0375 passed with a C or better, high school Algebra II, or an independent school district/OC dual enrollment form.

Scans

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 TEXTBOOK: College Algebra, 5th edition by Blitzer

COURSE CONTENT: We will cover chapters 2- 6 and 8 in the textbook. Some sections may be omitted.

ATTENDANCE: Although attendance is not factored into your term grade, attendance will be taken at the beginning of each class period. **In order to do well in the class you must attend regularly.**

HOMEWORK: Homework problems will be assigned each class period, but will not usually be taken up for a grade. **In order to do well in the class you must complete all of the homework!** Homework assignments will be posted on the website for the class. It is your responsibility to get the assignment if you are absent.

QUIZZES: Quizzes will be given throughout the semester. No make-up quizzes will be given. There will be a small curve on the quiz average.

TESTS: There will be 4 tests and a comprehensive final exam. The lowest test grade or quiz average will be replaced by the grade you make on the final exam if it is higher. No make-up tests will be given. You **MUST** take the final exam. Test dates will be announced in class and will be posted on the homework assignment web page.

HELP: If you have trouble with any of the material in this course, do not hesitate to ask for assistance. It will get worse if you wait. You may ask questions in class, come to my office during office hours, or go to the Math Lab in ET 120

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Required Readings/Materials

a) You must purchase the following *required* readings/materials:

College Algebra, 5th edition by Blitzer

Course Requirements (Lectures, Assignments and Assessments)

The course will consist of homework assigned by section, chapter tests, and a comprehensive final exam.

Summary of Assignments & Activities

Item(Name)	Type	Due
Quiz 1	Quiz	TBA
Quiz 2	Quiz	TBA
Quiz 3	Quiz	TBA
Test 1	Test	TBA
Quiz 4	Quiz	TBA
Quiz 5	Quiz	TBA
Test 2	Test	TBA
Quiz 6	Quiz	TBA
Quiz 7	Quiz	TBA
Quiz 8	Quiz	TBA
Test 3	Test	TBA
Quiz 9	Quiz	TBA
Final Exam	Final Exam	

Grading Policy

COURSE GRADE: The quiz average, test grades, and final exam grade count equally when determining your course grade.

Percentage %	Grade
90+	A
80-89.9	B
70-79.9	C
60-69.9	D
<60	F

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 (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 E-mail

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.**

Student Portal

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](#).