

Math 1314.711
College Algebra – Lecture Based
Summer 2012
07/09/12 – 08/09/12

Instructor: Debra Lackey
Office: ET 114
Phone: 335-6360
E-mail: dlackey@odessa.edu -- This is the best mode for contacting me.
Class : SH 230

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

MATH 1314 College Algebra (27.0101.5419) (3-0) 3 hours
Includes in depth study and applications of polynomial, rational, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability and conics may be included.

Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate understanding and knowledge of properties of functions, which include domain and range, operations, compositions, and inverses.
2. Recognize and apply polynomial, rational, exponential, and logarithmic functions and solve related graphs.
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.
6. Graph and recognize simple conics.
7. Demonstrate understanding of series and sequences and probability.

SCANS 3, 8, 9, 11

Required Materials

Required Textbook: *College Algebra* by Larson, 8th Edition
Materials: Scientific Calculator
Graphing paper (optional)

Attendance:

Attendance is mandatory in order to succeed in this class.

Punctuality:

Be on time for class. Class will start on time.

Courteous:

Please be courteous. Be considerate of others.

Term Grade

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

	Homework	Quizzes	Exams 7-8	Final Exam
Percentage	10%	20%	50%	20%
Drops	0	0	0	0

Percentage (%)	Grade
89.5-100	A
79.5-89.5	B
69.5-79.5	C
59.5-69.5	D
Below 59	F

Homework

Homework will be assigned for each section. The homework is due the next class period. All homework should be done in PENCIL. ALL WORK SHOULD BE DONE IN PENCIL.

Quizzes

Quizzes will generally be given near the end of class. There will generally be at least three to four quizzes per week.

Communication

Communication plays a vital role in a student's success.

Exams

Exams are generally given at the end of each chapter.

Tutoring

Tutoring is available through Developmental Studies and in the OC Math Lab. The hours for the math lab are Mon-Thurs 8:30 AM – 8:30 PM.

The Odessa College Student Success Coaches will help you stay focused and on track to complete your educational goals. If an instructor sees that you might need additional help or success coaching, he or she may submit a Retention Alert or a Starfish Alert. A Student Success Coach will contact you to work toward a solution.

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](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.**

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 students' and instructors' right to academic freedom can be found in the Odessa College Student Handbook.

The test dates are tentative.

Chapter	Suggested Date
2	7/12 (Thursday)
3	7/19(Thursday)
4	7/24(Tuesday)
5	7/26 (Thursday)
6,7	8/02 (Thursday)
8	8/08 (Wednesday)
Final	8/09 (Thursday)