Odessa College

College Algebra

Spring 2011

1/17/12-5/11/12

Instructor: Dr. Jack Bennett

Contact Information:

E-mail: jbennett@odessa.edu

Office: ET 106

Phone: 432-335-6634

Office Hours:

Monday and Wednesday: 2:00 – 5:30 pm

Tuesday and Thursday: 9:30-11:00 am

Course Number: Math 1314.39

Class Meetings: Monday, Wednesday, and Friday, 10:00-10:50am, ET 110

Course Description:

In-depth study and applications of polynomial, rational, radical, 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, 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.

Text: College Algebra, 5e: Blitzer

Exams: there will be seven 100 point exams and a final exam.

Tentative exam schedule:

Date	Test	Sections
2/1	1	2.1-2.4
2/13	2	2.5-2.7
2/22	3	3.1-3.2
3/9	4	3.3-3.5
4/2	5	4.1-4.4
4/16	6	5.1, 5.2, 6.1
4/30	7	6.2, 6.5, 8.1

Final Exam: Monday, May 7, 11:00am-1:30pm; the final exam is comprehensive

You will not be allowed to use a cell or smart phone on the exams.

Homework: Homework will be assigned and taken up every Wednesday. Homework will always be due at the beginning of each class period. Late homework will receive half credit. No late homework will be accepted after the corresponding exam. Your homework average will be 30% of your grade.

Course Grade:

Your Course Grade will be computed as follows:

Homework: 30%
Exams: 50%
Final: 20%

I will assign a grade based on the following schedule:

Average	Grade
90-100	A
80-89	B
70-79	C
60-69	D
0-59	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 (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 students' and instructor's right to academic freedom can be found in the Odessa College Student Handbook.