

Math 1314
College Algebra – Lecture
Spring 2011
01/18/2011 – 05/13/2011

Professor: Mrs. Terri Ballew
Phone: 456-2238(Permian High School)
E-mail: mojofan@grandecom.net – This is the best mode for contacting me.

Welcome to College Algebra! This sheet will tell you about the course, including subject matter, homework, quizzes, exams and term grade. Almost all of your questions about the course can be answered by reading this handout. If anything is unclear, please do not hesitate to ask for clarification. **Good Luck!!!**

MATH 1341 College Algebra

3 hours

This course includes sets, complex numbers, polynomial equations, inequalities, and functions, systems of equations, exponential and logarithmic functions, and matrices. Examples will come from a variety of areas. The teaching process will emphasize concepts, problem solving and critical thinking. (SCANS 3, 8, 9, 11) Prerequisite: MATH 0375 passed with a “C” or better or satisfactory placement score.

Learning Outcomes

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

Textbook: Blitzer College Algebra by R. Blitzer, 5th Edition

Supplies: Pencil, Paper, Graph Paper, Scientific Calculator

Term Grade

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

| | Quizzes | Exams | Final Exam |
|-------------------|----------------|-----------------------|-------------------|
| Percentage | 15% | 60% total or 15% each | 25% |
| Drops | 2 | 1 | 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 at the end of each class. Although homework will not be collected or graded, it is in your best interest to complete the assignments, as each of these problems is fair game for quiz questions. If you do your homework, you will have seen the quiz problems in advance.

Quizzes and Exams

Quizzes will be given weekly on Wednesdays and will consist of previously assigned homework problems. As indicated above, your two (2) lowest quiz grades will be dropped before computing your term grade. *There are no make-ups for missed quizzes.* There are 5 exams scheduled. Your lowest exam score will be dropped before computing your term grade. The final will be *comprehensive*, and it cannot be dropped. The final will take place in the usual classroom. The final for the class will be on May 9th, 5:00 to 7:30.

Dropping

The last day to drop a course at Odessa College for the spring semester of 2011 is Thursday, April 14.

Tutoring

Tutoring is available through Developmental Studies and in the OC Math Lab. The hours for the math lab are Mon-Thurs 8:00 AM – 9:30 PM, Friday from 8:00 AM – 5:00 PM, Saturday and Sunday from 1:00 PM – 5:00 PM.

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 Disabilities 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 Email](http://www.odessa.edu), 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.**

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.

College Algebra SP 2011

| Date | Day | Section | Quiz |
|--------|--------|--------------|--------------------|
| 19-Jan | Wed | 2.1 | |
| 24-Jan | Monday | 2.1-2.2 | |
| 26-Jan | Wed | 2.3-2.4 | 2.1, 2.2 |
| 31-Jan | Monday | 2.5 | |
| 2-Feb | Wed | 2.6 | 2.3, 2.4, 2.5 |
| 7-Feb | Monday | 2.7 - 2.8 | |
| 9-Feb | Wed | Review | 2.6, 2.7, 2.8 |
| 14-Feb | Monday | Exam 1 | |
| 16-Feb | Wed | 1.4 -3.1 | no quiz |
| 21-Feb | Monday | 3.2 - 3.3 | |
| 23-Feb | Wed | 3.4 -3.5 | 1.4, 3.1, 3.2 |
| 28-Feb | Monday | Review | |
| 2-Mar | Wed | Exam 2 | no quiz |
| 7-Mar | Monday | 4.1-4.2 | |
| 9-Mar | Wed | 4.3 | 4.1, 4.2 |
| 21-Mar | Monday | 4.4 | |
| 23-Mar | Wed | Review | 4.3 |
| 28-Mar | Monday | Exam 3 | No Assignment |
| 30-Mar | Wed | 5.1 &5.2 | |
| 4-Apr | Monday | 6.1 - 6.2 | |
| 6-Apr | Wed | 6.3 | 5.1, 5.2, 6.1, 6.2 |
| 11-Apr | Monday | 6.4-6.5 | |
| 13-Apr | Wed | Review | 6.3, 6.4, 6.5 |
| 18-Apr | Monday | Exam 4 | No Assignment |
| 20-Apr | Wed | 8.1-8.2 | |
| 25-Apr | Monday | 8.3 | |
| 27-Apr | Wed | Review | 8.1, 8.2, 8.3 |
| 2-May | Monday | Exam 5 | FINAL REVIEW |
| 4-May | Wed | Review | FINAL REVIEW |
| 9-May | Monday | Final | 5:00 - 7:30 |