

Odessa College
Pre-Algebra
Fall 2011
08/22/2011 – 12/06/2011

Instructor: Sandra Overcash

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Course Number: 0371

Credit Hours: 3

A developmental course using whole numbers, decimals, fractions, integers, linear equations, problem solving, geometry formulas, real number properties, polynomials, exponents, radicals, equations, and graphs of lines. This course does not satisfy requirements for any degree plan at Odessa College and will not be accepted by any senior colleges. Placement testing is available. Attendance is mandatory for TASP liable students. (SCANS 3, 8, 9)

Course Objectives

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

- 1.0 Reading and writing whole numbers and the operations of arithmetic on whole numbers including the order of operations and solving applied problems.
- 2.0 The basic operations of integers and solving applied problems using integers.
- 3.0 The basic operations of arithmetic on equations and algebraic expressions and techniques for solving applied problems.
- 4.0 The basic operations of arithmetic on fractions and techniques for solving applied problems.
- 5.0 The use of ratios in comparing magnitudes and solving proportions and using ratio and proportions to solve applied problems.
- 6.0 The basic operations of arithmetic on polynomials including identifying terms and solving applied problems using polynomials.
- 7.0 The basic operations of arithmetic on decimal numbers and solving applied problems using decimals.
- 8.0 The basic definitions and formulas of geometry and the use of this knowledge to solve applied problems.
- 9.0 The interpretation of information from line graphs, bar graphs, pie charts, pictographs, and tables and recognizing graphic representations of data.

Textbook: *Pre Algebra*; Blair, Tobey, Slater, 4e

MyMath Lab Software: all homework done with this software

Absences: Your attendance at every class is expected. Attendance in a developmental class is mandatory. If you exceed 5 absences you will receive an F in this class. If you are absent the day of a test you will take that test on-line for any other absences it is up to you to catch up on the work you missed. Do not simply stop attending classes; properly withdraw if at all possible.

Co-requisite: You are required to attend the Math Academic Resource Lab located in room 108 and 108A, to obtain 14 clock hours per semester. You can receive a **maximum** of 3 hours per week. HINT: You can possibly fail if you do not attend the lab. You have mandatory homework assignments located at <http://mymathlab.com>; each assignment is available to you until test day for that chapter. Course ID is **overcash18923**.

Grading:	Homework	30%
	Chapter Tests	30%
	Lab Hours	14%
	Final Exam	26%

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

Tutoring

Tutoring will be available Monday thru Thursday from 8/29/11 to 12/1/11 times will be announced. 14 hours of lab time must be completed.

Dropping

The last day to drop a course at Odessa College for the fall semester of 2011 is Wednesday November 11th.

Cheating: Cheating is not tolerated in my class. If you are caught cheating, you will be removed from my class permanently and receive an F for the course. If you are caught letting someone copy your paper, you will receive the same punishment.

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 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.

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.