Instructor: KAREN HILL   Cell Phone 940-9020

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Course Number: MATH 0372

Your Course Name: Intro to Algebra - K.Hill Spring 11
Your Course ID: hill61269

Credit Hours: 3
A developmental course that introduces elementary algebra with some arithmetic review. Includes signed numbers and rational numbers with operations through exponentiation; algebraic expressions and their operations; linear equations and inequalities including applications, graphs. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning, and problem solving. Credit is not transferable. This course does not satisfy requirements for any degree plan at College. Placement testing is available. Attendance is mandatory for TASP/THEA liable students. Lab fee required. (SCANS 3, 8, 9) Prerequisite: MATH 0371 passes with a 'C' or better or satisfactory placement score. Corequisite: 14 hours in the Math Academic Resource Lab.

Course Objectives

1.0   Performing algebraic operations with real numbers.

2.0   Solve equations and inequalities and solve applied problems.

3.0   Graph equations and inequalities.

4.0   Verify equivalent expressions and perform basic operations with polynomials.

5.0   Perform polynomial operations and factoring algebraic expressions

Textbook: *Elementary and Intermediate Algebra;* Bittinger, 4e
         MyMath Lab Software: all homework done with this software

Technology:
 Students must have a valid e-mail address to register for computer software. The email address that you use to register your software will be the email address to which I will send any information or announcements. Please check this account regularly. It is recommended that you use your Odessa College email address. All work is done through the internet, so you need internet access. If you do not have access to the internet, you may use the computers in the math lab.

Method of Evaluation: Homework: 26%
Math Lab: 14%
Test: 40%
Final Exam: 20% (Final is comprehensive)

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

No Make-up on Homework or Test!! Make prior arrangements.
No Late Homework Accepted.
Failure to take Final Exam will result in receiving an F for the class

Jan 18	Information – MyMath Lab Information
Jan 20	1.1 Introduction to Algebra
	1.2 The Commutative, Associative, and Distributive Laws
Jan 25	1.3 Fraction Notation
	1.4 Positive and Negative Real Numbers
Jan 27	1.5 Addition of Real Numbers
	1.6 Subtraction of Real Numbers
Feb 1	1.7 Multiplication and Division of Real Numbers
	1.8 Exponential Notation and Order of Operations
Feb 3	**Chapter 1 Test - Homework for Chapter 1 is due today!**
Feb 8	2.1 Solving Equations
	2.2 Using the Principles Together
Feb 10	2.3 Formulas
	2.4 Applications with Percent
Feb 15	2.5 Problem Solving
	2.6 Solving Inequalities
Feb 17	2.7 Solving Applications with Inequalities
Feb 22	**Chapter 2 Test - Homework for Chapter 2 is due today!**
Feb 24	3.1 Reading Graphs, Plotting Points and Estimating Values
	3.2 Graphing Linear Equations
Mar 1	3.3 Graphing and Intercepts
	3.4 Rates
Mar 3	3.5 Slope
Mar 8	3.6 Slope-Intercept Form
	3.7 Point-Slope Form
Mar 10	**Chapter 3 Test - Homework for Chapter 3 is due today!**
Mar 15	SPRING BREAK PECOS CAMPUS
Mar 22	4.1 Exponents and Their Properties
	4.2 Negative Exponents and scientific Notation
Mar 24	4.3 Polynomials
	4.4 Addition and subtraction of Polynomials
Mar 29	4.5 Multiplication of Polynomials
	4.6 Special Products

Mar 31	4.7 Polynomials in Several Variables
Apr 5	4.8 Division of Polynomials
Apr 7	**Chapter 4 Test - Homework for Chapter 4 is due today!**
Apr 12	5.1 Introduction to Factoring
Apr 14	5.2 Factoring Trinomials of the Type $x^2 + bx + c$
Apr 19	5.3 Factoring Trinomials of the Type $ax^2 + bx + c$
Apr 21	5.4 Factoring Perfect-Square Trinomials and differences of Squares
Apr 26	5.5 Factoring Sums or Differences of Cubes
Apr 28	5.6 Factoring: A General Strategy
May 3	5.7 Solving Polynomial Equations by Factoring
May 5	5.8 Solving Applications
May 10	Finals **- Homework for Chapter 5 is due today!**

NOTES: You can print out the notes for class at https://sites.google.com/site/intro372
Please bring them to class with you.

Attendance: Your Attendance is the greatest indicator of YOUR success. You will receive ½ of an absence if you arrive late or leave class early or don't have your supplies. Student attendance at every class is expected. You should expect that each absence would adversely affect your course grade. This is a developmental course and state law requires class attendance. You are allowed 5 missed class days. On the 6th absent you will be given an **F** for the course.

Math Lab: You are required to attend the Math lab for a total of 7 hours in the semester. Do not wait until the last of the semester. You can receive a maximum of 3 hours credit a week. If you do not attend the lab, it will affect your grade and can even result in a failing grade. Math Lab is 14% of final course grade.

Cell Phones: Cell phones and pagers are not allowed in my class. If you must have a cell phone on please turn it to silent. Do not answer in class. You need to wait until I have finished lecturing and then go out in the hall to respond to the call.

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

Conduct: All students will be expected to abide by the OC Code of Classroom Etiquette. I have provided a copy for you. If you fail to abide by these rules, you will be asked to leave my classroom or be removed completely from my class.

Cheating: Cheating is not tolerated in my class. Cheating also includes copying answers out of the back of the book. All work must be shown on homework paper that is turned in. Any homework turned in that shows only answers will receive a 0. The 1st time you are caught cheating on a paper, homework, assignment, or test, you will receive a 0 for that assignment. The 2nd time 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.

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.**

Student Portal

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.