

LONESTAR COLLEGE - University Park

Math 0306: Pre Algebra

EEM Division

Course Information	Faculty Information
Course Title: Pre-Algebra	Name: Tau Kadhi, PhD
Course Number: Math 0306	Email address: taugamba.kadhi@lonestar.edu
Course Section: U025 and U026 (2768 & 3141)	
Credit Hours: 3 semester credit hours	
Prerequisite: Placement by testing	Office Location: Bldg 12, TSU Storefront
Semester: Fall 2011	Office Phone: 281.290.3780
Class Days, Times and Locations: T & Th, 12:30p-2:40p, Bldg 13, 305 & 307	Office Hours: By appointment only

COURSE MATERIALS:

- Textbook: Pre Algebra, Fourth Edition, By Lial and Hestwood, Pearson Education, Inc. 2010 - OPTIONAL
- **MyMathLab** access code - REQUIRED
- A graphing calculator is recommended, but not required, for this course, and will be required in subsequent mathematics courses. A **TI-83Plus** or **TI-84Plus** is the recommended calculator.
- Time: Expect to spend a *minimum* of 6 hours per week to work on homework, lab, and other resources.

COURSE DESCRIPTION:

Topics for all formats include basic arithmetical operations on integers and rational numbers, order of operations, introduction to basic geometric concepts, simplification of algebraic expressions and techniques of solving simple linear equations. This will not meet degree requirements. (3201045137)

LEARNING OUTCOMES: Upon completion of this course, the student will:

- **Integers** - Demonstrate basic skills in computations, estimations, order of operations, and applications involving Integers.
- **Fractions** - Demonstrate basic skills in computations, estimations, order of operations and applications involving fractions (rational numbers).
- **Decimals** - Demonstrate basic skills in computations, estimations, order of operations, and applications involving Whole numbers and Decimals.
- **Linear Expressions** - Perform operations using the Commutative, Associative, Distributive, and Identity Properties of Addition and Multiplication (Properties of Real Numbers).
- **Linear Equations** - Solve linear equations in one unknown.
- **Ratios and Proportions** - Solve ratio and proportion and percent problems including applications.
- **Calculate Quantities** - Calculate quantities related to basic geometric figures using both the U.S. and metric systems.
- **Geometric Figures** - Recognize simple geometric figures, angle relationships, and triangle relationships using their defining properties.

TENTATIVE LECTURE OUTLINE: Chapters 1, 2, 3 (3.4 optional), 4 (4.7 optional), 5 (5.7 & 5.9 optional), 6, 7 (7.5 optional), 8.2, 8.3 (if time permits).

COURSE REQUIREMENTS:

ATTENDANCE POLICY:

Attendance to all classes is expected. Students must not miss more than 4 classes, including both lab and lecture, in order to be considered as "participating" in the class. I will take roll each class period. In order to get credit for attending class, the student must be present the entire class period. Those students who are not mastering the course and wish to receive an "IP" for the course must be "participating". You are responsible for all work and assignments covered during class, including any missed assignments. Regular class attendance is necessary for success! If you find that you are unable to complete the course, then you should make arrangements with me to get a "W" in this course. Communication with me is critical!

WITHDRAWAL POLICY:

Withdrawal from the course after the official day of record (see current catalog) will result in a final grade of "W" on the student transcript and no credit will be awarded. A student may initiate a request for withdrawal from this course. The student must complete and submit for signature(s) the required withdrawal form (s) available from the Admission Office. If a student misses more than 4 classes and is not participating, I MAY also withdraw that student from the class. If you are considering withdrawing from this course, PLEASE contact me. The last day to withdraw and receive a "W" is (see academic schedule for Lone Star Fall 2011). If a withdrawal is not COMPLETED, then the student will receive a grade of "F". AGAIN, communication with me is critical!

MAKE-UP EXAMS AND LATE WORK:

No make-ups or late submissions are allowed except by advance arrangement with me. Major exams are scheduled in advance to ensure that you will be able to attend exam day. Therefore, **NO Make-up Exams will be given!** If you miss an exam, your grade on the Final Exam will be used as a substitute grade for a maximum of one test missed.

MISCELLANEOUS INFORMATION:

To be respectful to other students, it is requested that all cell phones be placed on silent or vibrate mode and that at no time during class should your cell phone be used for text messaging, phone calls, or other purposes. Should it be necessary for you to make or receive a phone call/text, please take your business outside the room.

DEPARTMENTAL FINAL EXAM:

This semester Lone Star College - Tomball/University Park will be administering a Departmentalized Final Exam.

EVALUATION INSTRUMENTS:

Your semester grade is based upon the following instruments:

1. **Homework problems** are assigned from each section using MyMathLab or TestGen. You are required to complete the homework on the computer as well as in a notebook. Usually you should expect to spend 1 to 2 hours per section working on the assigned problems. These will be automatically graded on the computer or with a scantron but you may be required to turn in the written work as well.
2. **Quizzes** may be randomly given throughout the semester. These quizzes are usually held at the beginning of the class. If you are late to class or absent, you will **NOT** be able to make-ups the quiz, however the lowest quiz grade will be dropped.
3. **Lab Time:** You will be required to attend LAB sessions each week MyMathLab is a computer program designed to help you practice math skills.
4. **Exams:** There will be at most four major exams. You will be required to show your work for full credit.
5. **Final exam:** There is a cumulative final exam that will consist both of multiple-choice questions and problems requiring detailed solutions.

GRADING SCALE:

The Value of the Evaluation instruments and the Letter Grade Distribution is given below.

REQUIREMENT	PERCENTAGE	LETTER GRADE	GRADE SCALE
MAJOR EXAMS	40	A	100-90
HOMEWORK/QUIZZES	30	B	89-80
PARTICIPATION/ATTENDANCE	10	C	79-70
MIDTERM/FINAL EXAM	20	IP*	< 70 AND ACTIVE
TOTAL	100	F**	< 70 AND INACTIVE

*The grade IP represents "In-Progress". If you earn IP, you are required to repeat the course, or place into the next course by passing the placement test.

**The grade F is given if you quit participating in the course.

REFERENCE MATERIALS and RESOURCES:

A number of resources are available to you in the Math Center, including free tutoring, videotapes of individual topics, and other study aids. In addition, you are encouraged to find a study partner or study group with which to study. I encourage you to visit me during office hours or at other times for help or clarification of questions you may have.

MATH CENTER HOURS (TOMBALL)		MATH CENTER HOURS (UNIVERSITY PARK)	
Monday - Thursday	9:00 am - 6:00 pm.	Monday - Thursday	9:00 am - 9:00 pm.
Saturday	11:00 am - 2:00 pm	Saturday	9:00 am - 4:00 pm

EMERGENCY NOTIFICATION:

Lone Star College System (LSCS) is committed to maintaining the safety of the students, faculty, staff, and guests while visiting any of our campuses. See <http://www.lonestar.edu/oem> for details. Register at <http://www.lonestar.edu/12803.htm> to receive emergency notifications. In the event of an emergency contact LSCS Police at (281) 290-5911 or X5911.

CODE FOR ACADEMIC HONESTY:

The District upholds the core values of learning: honesty, trust, respect, fairness, and accountability. We promote the importance of personal and academic honesty. We embrace the belief that all learners-students, faculty, staff and administrators-will produce their own work and must give appropriate credit to the work of others. No fabrication of sources or unauthorized collaboration is permitted on any work submitted within the District. Even inadvertent cheating or plagiarizing must be avoided by careful documentation of other people's ideas and language. Please refer to the *Academic Honesty and Student Success* brochure for more information.

MATH SCHOLARSHIPS:

The Tomball College Math Department awards scholarships each year to deserving students. Please see the Financial Aid office for details.

LSCS STUDENT SUCCESS INITIATIVE:

Effective Spring 2004, The State of Texas requires that each student who demonstrates a minimum skill level in Mathematics be deemed "TSI Complete" (**College Ready**). Anyone who makes below a minimum threshold on his or her initial assessment **MUST** retest. If you believe that your original assessment is inaccurate, you have the right to re-test. Please speak to an advisor and check the District Catalog for more details.

ADA STATEMENT:

Check the District Catalog for the statement concerning people with disabilities.

EQUAL OPPORTUNITY STATEMENT:

Check the District Catalog for the statement concerning the equal opportunity principle.

GUARANTEED GRADUATE POLICY:

Check the District Catalog for the statement concerning guarantees for graduates.