

Texas A&M University-Texarkana



**COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING AND
MATHEMATICS**

Fall 2013

Course Syllabus

Course: MATH 0300 – PreAlgebra (3 Semester Hours)
Instructor: Cathryn Diaz
Days and Time: MW: 5:30-6:45pm
Classroom: SCIT 101
E-mail Address: cathryn.diaz@tamut.edu
Office Hours: Available by email and Blackboard

Required Textbooks/Resources: *PreAlgebra Plus MyMathLab Student Access, 6th Edition; Bittinger/Ellenbogen/Johnson* ISBN: 9780321771858

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Catalog Course Description: Topics in this course include arithmetic operations on whole numbers, fractions, decimals, integers; ratio/proportion, percentages, measurements, interpretation of graphs and statistics, geometry; exponents, algebraic expressions and problem solving. **No calculators may be used in this course.**

Students whose scores fall between the ranges on the following designated entrance assessment must enroll in MATH 0300: Asset: 0-29; Compass: 0-35; Accuplacer: 0-58; THEA: 0-224

Textbook material covered:
Chapters 1-5 and 7-8

Student Learner Outcomes:

Upon completion of the course, students will be able to:

- Perform all arithmetic operations dealing with whole numbers, signed numbers, fractions, decimals, and additions/subtraction of polynomials.
- Evaluate simple algebraic expressions.
- Solve simple algebraic equations.
- Solve basic percent problems.
- Graph linear equations.
- Solve problems involving ratios and proportions.
- Solve simple word problems.
- Solve problems using geometric formulas.

The Texas Higher Education Coordinating Board adopted Exemplary Educational Objectives (EEOs) to establish a common knowledge thread through the courses taught within the Texas Core Curriculum. The Mathematics EEOs are integrated into the Student Learner Outcomes below:

- To apply arithmetic, algebraic, geometric, higher-order thinking, and statistical methods to modeling and solving real-world situations.
- To represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically.
- To expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments.
- To use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results.
- To interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them.
- To recognize the limitations of mathematical and statistical models.
- To develop the view that mathematics is an evolving discipline, interrelated with human culture, and understand its connections to other disciplines.

COURSE CONTENT:

- Operations with Whole Numbers
- Operations with Integers
- Fraction Notation and Operations
- Decimal Notation and Operations
- Introduction to Graphing and Statistics
- Ratio and Proportions
- Percent Notation

Disability Accommodations: Students with disabilities may request reasonable accommodations through the A&M-Texarkana Disability Services Office by calling 903-223-3062.

Academic Integrity: Academic honesty is expected of students enrolled in this course. Cheating on examinations, unauthorized collaboration, falsification of research data, plagiarism, and undocumented use of materials from any source constitute academic dishonesty and may be grounds for a grade of 'F' in the course and/or disciplinary actions. For additional information, see the university catalog.

Statement on email usage: Upon application to Texas A&M University-Texarkana an individual will be assigned an Texas A&M-Texarkana email account. This email account will be used to deliver official university correspondence. Each individual is responsible for information sent and received via the university email account and is expected to check the official A&M-Texarkana email account on a frequent and consistent basis. Faculty and students are required to utilize the university email account when communicating about coursework.

DEVELOPMENTAL EDUCATION DROP POLICY

A student enrolled in a developmental education course(s) may not drop the course(s) without facing a forced withdrawal from the university.

A student who has missed a total a four (4) class meetings may be administratively dropped by the instructor of the course at least seven (7) days prior to the last day to drop a course for the semester or session. This letter will include language regarding the possibility of a forced withdrawal if the administrative drop is not rescinded and that he/she will incur any necessary financial penalty.

Grading Policies:

Grading Developmental Education Courses

Grades of AE, BE, CE, NCE (no credit), FE and CRE (credit) may be awarded for a developmental course. The E indicates the grade is excluded from the grade point average (GPA). These grades do not count in the semester or cumulative GPA; they do indicate progress, or lack thereof in the developmental course sequence. The grade of NCE reflects a student who has consistently attempted all work in the course and has not mastered the content. If a student earns this grade, the course will need to be repeated. The grade of CRE (credit) reflects a student who is enrolled in a developmental course and takes and passes the appropriate assessment (e.g., THEA, Accuplacer, etc.) for the developmental course he/she is taking.

Tests: There will be seven 100-point tests. Test dates will be announced in class at least two days prior to the date of the test. The lowest test score can be replaced with you Final Exam Score.

Quizzes: Unannounced and announced quizzes will be given at the discretion of the instructor. Quizzes may be given in class or online. **Quizzes, if missed, cannot be made-up.** A missed quiz results in a score of zero for that quiz.

Homework: Homework assignments will be assigned daily and collected randomly. Homework is an important learning tool and should be completed in a timely manner! Homework not completed by the Due Date cannot be made up!

Lab: Students are expected to spend one hour a week in the Student Success Center working on class materials.

Final Exam: There will be a 100-point comprehensive final examination. **There will be no make up for the final examination.**

Final Grade: The final grade for the course will be based on a weighted average of a student's test average, quiz average, homework average and the final exam score. These averages will be weighted according to the following percentages:

Tests – 40%
Quizzes/Homework/Lab – 10%
Final Exam – 50%

The Letter grade will be assigned according to the following scale:

<u>Average</u>		<u>Grade</u>
90 - 100	—————▶	A
80 – 89	—————▶	B
70 – 79	—————▶	C
0 – 69	—————▶	F

Time limits

Students who have not completed all TSI requirements within 27 attempted SCH at A&M-Texarkana may be enrolled in only Developmental Education Courses until TSI requirements are met. Students needing additional time to meet TSI completion requirements can appeal to the Developmental Education Committee where decisions will be made on a case by case basis.

Disclaimer: The above procedures are subject to change at the discretion of the instructor.