

COURSE SYLLABUS

MTH 170.01 [4734]

PreCalculus Algebra

credit: 3 semester hours

fall 2007

Room: LDB 400

Time: MWF 9:00 – 9:50

Instructor: J. Kirk

Office: LDB 433

Phone: (936) 294-1592

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Office hours: M 10:00 – 11:00 or 1:00 – 2:00

Tu 10:00 – 11:00 or 1:00 – 2:00

W 10:00 – 11:00 or 1:00 – 2:00

Th 10:00 – 11:00 or 1:00 – 2:00

F 10:00 – 11:00

or by appointment

Course Description and Prerequisites:

(see *Sam Houston State University Undergraduate Catalogue*, MATHEMATICS COURSE DESCRIPTIONS)

Topics include a brief review of introductory algebra, variation, elementary theory of equations, functions (including exponential and logarithmic), inequalities, systems of equations, and other related topics.

Prerequisites: Two years of high school algebra and one year of geometry. Credit 3.

The methods of instruction are reading, study, exercises, lecture, discussion, and student demonstrations.

Course objectives:

- understand the numeric and geometric concepts of elementary algebra
- gain proficiency in algebraic methods of computation
- learn applications of algebra to selected physical phenomena.

Text: *College Algebra* (4th ed.)

by Mark Dugopolski

Pearson Addison Wesley, 2007

Selections from chapters 1,2,3,4,5,8

Calculator: -- A graphing calculator, such as a TI-83, or equivalent.

Attendance Policy

(see *Sam Houston State University Undergraduate Catalogue*, Scholastic Requirements)

Late work is accepted for appropriate cause. Advise the instructor early, or as soon as possible, when work must be completed late. You are expected to be present for every examination. An excessive number of absences (more than 4 hours) may adversely affect your grade. The quality of your class participation is important and can impact your grade.

Assignments

Assignments may be given orally, by reference to a textbook, or with class handouts. These assignments may consist of reading, exercises, or reports (oral or written) concerning mathematical concepts and methods. Submissions should use an accepted format and style. The course grade is not assigned without consideration of the quality with which assignments are completed.

Exams, grading, and posting of grades

There will be three or four exams (including the final exam). The weighted mean score, is used to determine the course grade. With rare exception, exams are weighted equally (deviations from this practice will be announced). A weighted mean of 90-100 is A, 80-89 is, at least, B, 70-79 is, at least, C, etc. No exam may be omitted. The date of an exam will be announced at least a week before that exam. Accepted statistical practices will be used in determining the course grade. Semester grades are posted by the registrar. (See also "Attendance Policy" and "Assignments" above.)

Other

Go to <http://www.shsu.edu/mailler/coursesyllabus.pdf> for information concerning: (1) students with disabilities, (2) observance of religious holy days, (3) academic dishonesty, (4) visitors in the classroom and (5) classroom decorum