

COURSE SYLLABUS

MTH 164.05 [8007]
College Mathematics
credit: 3 semester hours
summer 2 2008

Room: LDB 212
Time: MTuWThF 10:00am - 11:50am

Instructor: J. Kirk
Office: LDB 433
Phone: (936) 294-1592
Email: mth_jek@shsu.edu
Office hours: M – F 2:00 – 3:00 or by appointment

Course Description and Prerequisites:

(see *Sam Houston State University Undergraduate Catalogue*, mathematics course descriptions)

"This course is designed to meet the objectives of Component area 2 of the core curriculum for non-business and non-science related majors. Topics may include sets, counting principles, probability, logic, linear algebra, linear programming, mathematics of finance, geometry, and calculus. Applications are emphasized. Prerequisites: Two years of high school algebra and high school geometry. Credit 3."

The methods of instruction are problem solving, reading, study, lecture, discussion, or demonstrations.

Course objectives:

- Understanding elementary principles of several important areas of mathematical endeavor
- Understanding application of the principles to selected physical phenomena

Text: *Mathematical Ideas* (11th ed.)
by Charles D. Miller *et al*
Pearson Addison-Wesley, 2008
Selections from chapters 2, 3, 11, 12, 13, 14

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

Attendance Policy

(see *Sam Houston State University Catalog*)

SCHOLASTIC REQUIREMENTS)

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