

COURSE SYLLABUS
Math 164.16 – Fall 2007
3 credit hours

Instructor: Mark Lane

Class Location: Lee B. Drain Building (LDB), Room 209

Class Times: MWF: 8:00 AM – 8:50 AM

Office Location: LDB 404

Office Phone: 936-294-3518

Email: stdmal29@shsu.edu

Office Hours:

MW: 2-3

TTh: 10-11

All others by appointment.

** There is a Math Tutoring Lab available free of charge located in Room 104, Farrington Building times will be announced when they are available. I encourage all of you to use this service when I am not available.

Course Description

This course is designed to meet the objectives of Component Area 2 of the core curriculum for non-business and nonscience 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.

Course Objectives

Students completing this course should have mastery of the following major concepts. Other techniques and ideas will also be covered:

- Number Theory
- Geometry
- Graph Theory
- Counting Methods
- Probability

Required Materials

- Textbook: *Mathematical Ideas*, 11th Edition, (Expanded 11th Edition), by Miller, Heeren, and Hornsby. (ISBN: 0-321-36146-6-Expanded).
- Graphing calculator: TI-82, 83 or 84. **Use of TI-89 WILL NOT be allowed.**
- Time: Expect to spend a *minimum* of 6 hours per week to work on problems and studying for the tests and doing the projects.

Attendance Policy

Attendance will count toward your Participation & Professionalism grade. Participation is very important for success in this class. If you miss class, you need to contact me to find out what you missed.

Assignments

Homework will be assigned each class period. These assignments will help you to succeed in this class. In addition to homework assignments, there will be some quizzes throughout the semester. **NO LATE WORK will be accepted.**

Exams

There will be four (4) major exams and a comprehensive Final Exam. There will be no make-up tests. If you ever need to miss a test, call or email me the day of the test, or earlier. If you miss a test, then the score on the final may be used to replace the score for the missed test.

Grading Plan

Your grade in the course will be determined by the weighted average as follows: Each Test counts as 20% of your grade; Quizzes count as 10%, and Participation & Professionalism as 10%.

Average Score		Course Grade
90-100	--	A
80-89	--	B
70-79	--	C
60-69	--	D
59% or below	--	F

Academic Dishonesty

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

Classroom Rules of Conduct

*Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. **Cellular telephones and pagers must be turned off before class begins.** Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. I also consider it disrespectful to wear any form of cover on your head, unless it is for religious purposes. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.*

Visitors in the Classroom

Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

This policy is not intended to discourage the occasional visiting of classes by responsible persons. Obviously, however, the visiting of a particular class should be occasional and not regular, and it should in no way constitute interference with registered members of the class or the educational process.

Americans with Disabilities Act

It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Disabled students may request assistance with academically related problems stemming from individual disabilities by contacting the Director of the Counseling Center in the Lee Drain Annex or by calling (936) 294-1720.

Religious Holidays

University policy states that a student who is absent from class for the observance of a religious holy day must be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. Students must be excused to travel for observance of a religious holy day. A student who wishes to be excused for a religious holy day must present the instructor with a written statement describing concerning the holy day(s) and the travel involved. The instructor should provide the student with a written description of the deadline for the completion of missed exams or assignments.