

Course Syllabus
Math 164 Section 2
College Mathematics
Three (3) Credit Hours
Summer I 2008

Location: Room 212, Lee Drain Building
Time: MTWRF, 10:00 am – 11:50 am
Professor: Dr. Rebecca Garcia
Office: Lee Drain Building, Room 435
E-mail: rgarcia@shsu.edu
Phone: (936) 294 – 3520
Office Hours: MW, 12:00 pm – 1:00 pm. Other times by appointment.

Course Description: 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, mathematics of finance, geometry, number theory and problem solving techniques. Applications are emphasized. Lectures will be given, daily homework will be assigned, quizzes and four exams will be administered throughout the semester.

Prerequisites: Two years of high school algebra and high school geometry.

Text: We will be using the following text:

C. Miller, V. Hereen, and J. Hornsby Mathematical Ideas, 11th Edition, Pearson Addison-Wesley, 2007. It is the responsibility of the student to obtain all course materials at the beginning of the semester. We will be using the text in class and the student is expected to have their own copy during class time.

Required Supplies: *Scientific calculators are required.* Each student must use his/her own calculator. A recommended calculator would be the TI-83 Plus as the text provides tutorials for proper usage. Any comparable scientific calculator would suffice. Each student must bring his/her own writing instrument and notebook.

Course Objectives: We will be covering the following chapters:

- Chapter 2 Introduction to Set Theory
- Chapter 3 Introduction to Logic
- Chapter 14 Consumer Mathematics
- Chapter 15 Graph Theory

Attendance Policy: Regular and punctual attendance for this course is mandatory and a record of attendance will be maintained throughout the course. The student is responsible for obtaining any assignments or notices given during the date of their absence. For all documented and university-approved absences (e.g. hospitalization, court appearances, university athletic conferences, etc...) students must immediately contact and inform the instructor of the situation and present proper documentation upon re-entering the classroom.

Homework: Homework will be assigned for every class period. Students are expected to complete the assignment by the following class day. Students are expected and encouraged to work cooperatively on these assignments. The homework will be collected and recorded for extra credit.

Exams: There will be three (3) in-class exams and a final exam. The final exam is on Chapter 15 and will be given on Friday, June 27. The first three exams are tentatively scheduled below.

- Exam 1 (Chapter 2): Friday, June 6.
- Exam 2 (Chapter 3): Friday, June 13.
- Exam 3 (Chapter 14): Friday, June 20.

For university-approved and documented absences, the final exam grade may replace one and only one missing exam grade.

Grading Policy:

4 Exams 25% each

The following is the point distribution for each letter grade:

A	90% and above
B	80% – less than 90%
C	70% – less than 80%
D	60% – less than 70%
F	less than 60%

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 at the discretion of the instructor.** 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.

Students with Disabilities: 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. Please bring all the necessary paperwork to the instructor before the end of the first week of classes in order to proceed with the requested accommodations. All disclosures of disabilities will be kept strictly confidential. NOTE: no accommodation can be made until you register with the Counseling Center.

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. 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.

Observation of Holy Days: Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

*This syllabus is subject to change at the discretion of the professor. Notification of changes will be announced during class and a message will be sent to your SHSU e-mail account.