

# Syllabus for MTH 164 College Mathematics

## Sections 07 and 10

Spring 2008

**Section 07: 3:00 pm - 4:20 pm Monday, Wednesday. LDB  
212**

**Section 10: 11:00 am - 12:20 pm Tuesday, Thursday. LDB  
212**

**Instructor:** Dr. Luis Garcia-Puente, Lee Drain Building 417B

Phone: (936) 294-1581

Email: lgarcia at shsu dot edu

**Office hours:** Monday, Wednesday 12:00 pm - 2:00 pm, or by appointment.

**Class web page:** <http://www.shsu.edu/~ldg005/data/mth164>

**Text:** *Mathematical Ideas, Expanded 11th Edition*, by Miller, Heeren and Hornsby, Addison-Wesley

**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. This course will be primarily lecture-oriented, daily homework will be assigned and four exams will be administered throughout the semester.

**Prerequisites:** Students taking this course should have completed two years of high school algebra and one year of high school geometry.

**Course Objectives:** The objective of this course is to provide a broad background in the principles of mathematics which are needed to understand and apply university training in other fields. The main purpose of Math 164 is to expose students to topics in mathematics that emphasize the beauty and elegance of the subject.

The topics that will be covered during the semester are set theory, logic, counting methods, probability, and financial mathematics.

### Grading Policy:

	Grade Percentage
Exam I (February 6/7)	20%

Exam II (March 3/4)	20%
Exam III (March 31/April 1)	20%
Exam IV (April 23/24)	20%
Final exam	20%

**Final Exam Schedule:**

Section 07, Wednesday May 14, 05:00 p.m. - 07:00 p.m.

Section 10, Thursday May 15, 11:00 a.m. - 01:00 p.m.

**Grade Distribution:**

90-100%	A
80-89%	B
70-79%	C
60-69%	D
< 60%	F

**Attendance policy:** Regular and punctual attendance for this course is mandatory and will be recorded throughout the semester. If class must be missed, the student is expected to get the notes from a classmate, and to check the web-page for announcements and updated assignments. 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 before re-entering the classroom. Any student with no more than four absences during the semester will receive an extra 10 points in their final grade (10% of the final grade).

**Assignments:** Homework will be assigned during every class. The homework will not be graded or collected so it is the responsibility of each student to complete the homework to be prepared for the exams.

**Make-up policy:** Students are expected to show appropriate cause for missing or delaying major assignments or examinations. Excuses must be presented in writing. Wherever possible, students should inform the instructor before an exam is missed. Students are required to notify the instructor by the end of the next working day after missing an exam. Otherwise, they forfeit their rights to a make-up.

**Scholastic 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.

**Copyright policy:** All printed materials disseminated in class or on the web are protected by Copyright laws. One xerox copy (or download from the web) is allowed for personal use. Multiple copies or sale of any of these materials is strictly prohibited.

**Disabled Student Policy:** 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 the student registers 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.

**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.

**Student Absences on Religious Holy Days Policy:** 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.

**Additional Information:** All information on this syllabus is subject to change. Any changes will be announced in class.

## **Tentative Class Schedule:**

<b>Days</b>	<b>Sections Covered</b>
Jan. 16, 17	Section 2.1
Jan. 21	Martin Luther King day
Jan. 23, 24	Section 2.2
Jan. 28 - Jan. 31	Sections 2.3, 2.5
Feb. 4, 5	Review
Feb. 6, 7	<b>Exam I</b>
Feb. 11 - Feb. 14	Sections 3.1, 3.2
Feb. 18 - Feb. 21	Sections 3.3, 3.4
Feb. 25, 26	Section 3.5
Feb. 27, 28	Review
Mar. 3, 4	<b>Exam II</b>
Mar. 5, 6	Section 11.2
Mar. 10 - Mar. 13	Spring break
Mar. 17 - Mar. 20	Sections 11.3, 11.4
Mar. 24, 25	Section 11.5
Mar. 26, 27	Review
Mar. 31, Apr. 1	<b>Exam III</b>
Apr. 2, 3	Section 12.1
Apr. 7 - Apr 10	Sections 12.2, 12.3
Apr. 14 - Apr. 17	Sections 12.4, 12.5
Apr. 21, 22	Review
Apr. 23, 24	<b>Exam IV</b>
Apr. 28 - May 1	Section 14.1, 14.1 Extension
May 5, 6	Section 14.2
May 7, 8	Review