

## COURSE SYLLABUS

Math 164 – Fall 2007

3 credit hours

**Instructor:** M. L. Shelton

**Class Location:** Farrington Building (F), Room 101

**Class Times:** TTh: 2:00 PM – 3:20 PM

**Office Location:** LDB 436

**Office Phone:** 936-294-4870

**Email:** [mls009@shsu.edu](mailto:mls009@shsu.edu)

**Office Hours:**

MW: 9:30 AM – 10:30 AM

TTh: 8:30 AM – 10:30 AM

**All others by appointment.**

\*\* There is a Math Tutoring Lab available free of charge located in Room 104, Farrington Building from **Mon – Thurs 9:00 AM – 4:00 PM**. 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:

- Set Theory, including Venn Diagrams
- Geometry
- Counting Methods
- Probability & Statistics
- Consumer Mathematics

### Required Materials

- Textbook: **Mathematical Ideas**, 11<sup>th</sup> Edition, (Expanded 11<sup>th</sup> Edition), by Miller, Heeren, and Hornsby. (ISBN: 0-321-36146-6-Expanded or ISBN: 978-0-321-36146-2)
- **MyMathLab:** This is an interactive website where you can do homework problems. You will need a **Student Access Code**, which comes with the purchase of a new textbook, or if you purchased a used textbook, you can purchase the standalone **Student Access Kit** at the bookstore, or online at [www.coursecompass.com](http://www.coursecompass.com) with a credit card for around \$52.50. You will need an email address, **Student Access Code**, and **Course ID** to access the online assignments. The **Course ID** for this class is **shelton13175**.
- Graphing calculator: TI-82, 83, 83+, 84, 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 Expectations

Attendance to all classes is expected to be successful. **You must SIGN IN at the beginning of each class period.** Although, I do not count attendance towards your grade, it helps if you want to pass. If you are unable to complete the course, YOU must withdraw from it yourself. Withdrawal from a course is a formal process, which YOU must initiate. IF you just stop coming to class and do not officially withdraw, you will receive an “F”. Students often drop a course when help is available. Please discuss your plans with me if you feel the need to withdraw. I will try to work with you so that you can successfully complete the course. 😊

### Assignments

Problems will be assigned using **MyMathLab** and the **textbook**, but **will not** be graded. YET, from time to time, I will give extra credit points for completed assigned problems. Therefore, it is in your best interests to keep up-to-date on the assignments.

### Exams

There will be two (2) major exams, one (1) house project, one (1) stat project, one (1) survey, and a comprehensive Final Exam. All exams will be given on a scantron – maximum of 50 questions each and the Final Exam will be a maximum of 100 questions.

### Grading Plan

➤ <b>Major Exams:</b>	2 @ 50 points each	100 points
➤ <b>Final Exam:</b>	1 @ 100 points	100 points
➤ <b>House Project:</b>	1 @ 150 points	150 points
➤ <b>Stat Project:</b>	1 @ 100 points	100 points
➤ <b>Survey:</b>	1 @ 50 points	<u>50 points</u>
		500 points

#### **Letter Grade**

- A 437 - 500 points
- B 375 – 436 points
- C 312 – 374 points
- D 268 – 311 points
- F Below 267 points

## **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.