

**Course Syllabus**  
**Math 164**  
**College Mathematics**  
**Credit Hours 3**  
**Fall 2007**

**Location of Class:** Rm 212, Lee Drain Building (LDB)

**Class Meeting Times:** Mo We 3:00-4:20 pm

**Instructor:** Mauricio A. Rivas

**Office Location:** Rm 404, Lee Drain Building (LDB)

**Instructor Contact Information:** Office phone: 294-3518  
E-mail address: STDMAR17@shsu.edu

Office Hours: Mo We 11:00-12:00  
Tu Th 3:30-5:00

No appointment is needed for the times listed above.  
**For times other than these, please make an 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, linear algebra, linear programming, mathematics of finance, geometry, and calculus.

**Method of Instruction:** Lecture and guided practice. (Practice problems will also be assigned for homework.)

**Course Objective:**

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 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).

A graphing calculator is required: 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.**

### Tests:

Four tests will be given. 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. Also, there will be a comprehensive final during finals' week.

### Grading Plan:

Your grade in the course will be determined by the weighted average as follows: Your Test average counts as 60% of your grade; your Final Exam grade counts as 20%; 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:

A professional attitude is vital for success in this class; therefore your professionalism will be part of your grade. You must refrain from any 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. Please contact me before class if a visitor must be present.

Instructor Evaluations:

Students may be asked to complete a course/instructor evaluation form toward the end of the semester.

Americans with Disabilities Act:

A student seeking accommodations should go to the Counseling Center and Services for Students with Disabilities (SSD) in a timely manner.

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 the holy day(s) and the travel involved.

Prerequisite THEA Test Scores for SHSU Math Classes:

<b>COURSE</b>	<b>THEA Score</b>
Math 032D Intermediate Algebra	230
Math 142 Calculus I	260
Math 163 Trigonometry	250
Math 164 College Mathematics	250
Math 166 Math of Finance	250
Math 169 Introductory Statistics	250
Math 170 Pre-calculus Algebra	250
Math 184 Intro to Foundations	250
Math 199 Mathematics for Managerial Decision Making	250
Math 284 Functions & Graphs	250

These prerequisite scores may change at any time.

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