

Course Syllabus  
Math 164.10  
College Mathematics  
Fall 2007

- **Class meeting information:**

Class meets in 212 LDB      Tuesday and Thursday 11:00 - 12:20

- **Professor:** Dr. Brian Loft

**Office:** 434 Lee Drain

**web-page:** [http://www.shsu.edu/~mth\\_bml](http://www.shsu.edu/~mth_bml)

**e-mail:** loft@shsu.edu

**Office Phone:** 294-4465

- **Office Hours:**

Tuesday 10:00 - 11:00

Wednesday 11:00 - 12:00

Thursday 10:00 - 11:00

and, of course, 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.

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

This course will be primarily lecture-oriented, with some in-class worksheets which will be frequently unannounced. Other graded exercises are discussed below.

- **Course Objectives:**

The purpose of Math 164 is to expose students to topics in mathematics that emphasize the beauty and elegance of the subject. Topics will be selected from those never before seen by most students, but will be accessible to all enrolled in the course.

Topics may include graph theory, number theory, sequences (with an emphasis on the Fibonacci sequence), or any topic that the class as a whole would like to explore.

- **Required Textbook:**

*Mathematical Ideas*, 11<sup>th</sup> **expanded** edition, by Miller, Heeren, & Hornsby.

- **Attendance Policy:** Students are expected to attend every class. 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.

Students are expected to arrive to class on time. If a student is perpetually late, they will be asked to not attend class unless they arrive on time. If tardiness becomes a problem for the class as a whole, people who arrive late will not be permitted to enter the class. If this stricter policy becomes necessary, there will be an announcement made in class and posted on the web-page under "Announcements".

- **Assignments:**

- **Homework** will be periodically be assigned during class. Each assignment will be collected at the beginning of the next class day, and no late assignments will be accepted.
- **Quizzes** will be given at the beginning of most class days. The material on each quiz will vary, but most will cover material presented during the previous class day. Each quiz will be given during the first 10-15 minutes of class, and extra time will not be allowed if you are late to class, so be sure to be on time. No make-ups are allowed under any circumstances. To compensate for this, the lowest two quiz scores for the semester will be dropped. I reserve the right to have in-class worksheets unannounced which will count as quiz scores.

- **Grading Plan:** The course grade is based on:

Quizzes & Homework	20%
Exam 1	20%
Exam 2	20%
Exam 3	20%
Exam 4	20%

There will be no makeup exams, except for official University-sponsored activities. An optional final exam will be held on **Thursday, December 13, from 11:00 to 1:00**.

The course grade will be assigned via a standard 10-point scale. There is no additional curve in this class, and no extra credit, so keep up as the semester progresses.

- **Academic Dishonesty:** Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. See Student Syllabus Guidelines.
- **Classroom Rules of Conduct:** Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process.
- **Visitors in the Classroom:** Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrars Office.
- **Student Absences on Religious Holy Days Policy:** Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. See Student Syllabus Guidelines.
- **Disabled Student Policy:** It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should visit with the Office of Services for Students with Disabilities located in the Counseling Center. See Student Syllabus Guidelines.

For more information on these policies, please visit the site

<http://www.shsu.edu/syllabus/>