Course Syllabus
Math 142.05
Calculus I
Spring 2008

Location:	CFS 101
Time and Days:	Monday, Wednesday 9:00 a.m. – 9:50 a.m.
	Tuesday, Thursday 9:30 a.m. – 10:50 a.m.
Professor:	Dr. Luis Garcia-Puente
Office:	417B Lee Drain Building
Telephone:	(936) 294 – 1581
e-mail:	lgarcia@shsu.edu
course web site:	http://www.shsu.edu/~ldg005/data/mth142/
Office hours:	Monday, Wednesday 12:00 – 2:00 and by appointment.

Course Description: This course includes the study of differential calculus, including limits and continuity, the derivative, techniques for differentiation of algebraic, logarithmic, exponential and trigonometric functions, applications of the derivative and anti-differentiation. Students taking Math 142 must have completed Math 163 or high school equivalent.

Prerequisite: MTH 163, high school equivalent or consent of instructor.

Required Materials: We will be using the textbook *Thomas' Calculus* by Finney, Weir and Giordano, Eleventh Edition. The student should also have a graphing calculator. The TI-83 is recommended. Calculators with Computer Algebra Systems will not be allowed. Any questions regarding the proper calculator should be brought to the instructor. Each student must supply his/her own writing instrument and note paper. 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.

Course Objectives: Students completing this course should have mastery of the following major concepts. Other techniques and ideas will also be covered.

limits and continuity	the definition of derivative
methods of differentiation	maximization and minimization problems
rates of change	anti-differentiation

Attendance Policy: Regular and punctual attendance for this course is mandatory.

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.

Assignments:

1. **Homework:** Homework will be assigned in class each day. Homework will not be collected, but students are encouraged to check their work with the solutions manual. Assignments can be found online on the course web site. It is the student's responsibility to ask questions about homework problems which the student was not able to complete or did not understand. It is the student's responsibility to come to office hours, or otherwise contact someone for help. The student may contact the instructor via e-mail if the student cannot make it to office hours, and the instructor will try to answers questions as clearly as the instructor can via e-mail. It is also the student's responsibility to do as many problems from each section as the student needs to in order to feel comfortable with the material.

2. **Quizzes:** There will be a quiz in class every Tuesday and Thursday over the material covered since the previous quiz. Each quiz will be given during the last 10-15 minutes of class. No make-ups are allowed under any circumstances. To compensate for this, the four lowest quizzes will be dropped and there will be bonus questions on each of the exams.

3. **Class Participation:** Students are encouraged to attend every class and participate actively by asking questions both in and out of class.

Exams: There will be four exams during the semester. Exam 4 (cumulative) will be given on the date of the class final exam. This final exam is optional as long as you do not miss more than four classes during the semester. The first three are tentatively scheduled below.

- Exam 1: Tuesday, February 19.

- Exam 2: Tuesday, March 25.

- Exam 3: Thursday, May 1.

Grading: Quizzes and exams will be graded according to the following

Quizzes	15 %
Exam I	20 %
Exam II	20 %
Exam III	20 %
Final Exam	25 %

The following is the point distribution for each letter grade.

A	90 % – 100 %
B	80 % – 89 %
C	70 % – 79 %
D	60 % – 69 %
F	59 % or less

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.

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 disrup- tion to the class by their attendance. If the visitor is not a registered student, it is at the instructors 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.