

Course Syllabus  
Math 199 Sections 08 and 10  
Mathematics for Managerial Decision Making  
Spring 2010

**Location:** LDB 400  
**Section 08 Time:** Tuesday, Thursday 11:00 a.m. – 12:20 p.m.  
**Section 10 Time:** Tuesday, Thursday 2:00 p.m. – 3:20 p.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/mth199/>  
**Office hours:** Monday, Wednesday 10:00 – 12:00 and by appointment.

**Course Description:** The core topics: a review of introductory algebra and equations, the study of linear, quadratic, exponential, and logarithmic functions and their graphs, and the mathematics of finance. Additional topics as time permits: matrices and systems of equations, linear programming, and probability. Throughout the course, examples are taken from business applications, especially the study of supply and demand, and revenue/cost/profit analysis. Graphing calculators are used to facilitate understanding, ease calculations, and expand the number of problems tractable by course methods.

**Prerequisite:** Two years of high school algebra and one year of high school geometry.

**Required Materials:** We will be using the textbook

*Applied Mathematics for the Managerial, Life, and Social Sciences* by Tan  
Fifth Edition, Brooks/Cole Publishers.

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:** The M199/299 sequence is designed to provide business students with the background in quantitative techniques necessary for understanding many of the topics in the business curricula. They also lay the foundation for courses in statistics and operations research.

**Attendance Policy:** Regular and punctual attendance for this course is mandatory. 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 upon re-entering the classroom.

Students are expected to arrive to class on time. If a student is perpetually late, they will be asked not to 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.

**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.

**Homework:** Homework will be assigned for each section covered in class. Homework will be collected at the start of the following class period. Assignments can be found online on the course web site. Late homework will not be accepted, unless for university approved excuses.

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.

**Exams:** There will be three exams during the semester and a cumulative final exam. The exams are tentatively scheduled to occur on:

- Exam 1: Thursday, February 25
- Exam 2: Tuesday, April 6
- Exam 3: Tuesday, May 4
- Section 08 Final Exam: Thursday, May 13 11:00 a.m. – 1:00 p.m.
- Section 10 Final Exam: Thursday, May 13 2:00 p.m. – 4:00 p.m.

Any changes to this schedule will be announced in class and posted on the web-page. There will be no makeup exams, except for official University-sponsored activities, or University-approved absences.

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

Homework	20 %
Exam 1	20 %
Exam 2	20 %
Exam 3	20 %
Final Exam	20 %

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

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.

**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 time-frame in which the missed assignments and/or examinations are to be completed.

**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.

**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.

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