

Course Syllabus
Math 199.05
Math for Managerial Decision Making
3 Credits
Fall, 2004

1. **Class meeting information:** Class meets in 400 LDB on TuTh 8:00 - 9:30 am

2. **Professor:** Dr. Jacqueline Jensen
Office: 410 Lee Drain
Office Phone: 294-3517
e-mail: jensen@shsu.edu
web-page: http://www.shsu.edu/~mth_jaj

3. **Office Hours:**
Monday 8:30 - 9:30 am
Tuesday 7:30 - 8:00 (in our regular classroom)
Wednesday 8:30 - 9:30 am
Thursday 7:30 - 8:00 am (in our regular classroom)
and, of course, by appointment.

4. **Course Description:**
Topics include a review of introductory algebra, equations, relations, functions, graphs, linear programming, systems of equations and matrices, and mathematics of finance.
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.

5. **Course Objectives:**
Students completing this course should have mastery of the following major concepts. Other techniques and ideas will also be covered:
 - Linear equations and functions
 - Quadratic functions
 - Exponential and Logarithmic functions
 - Mathematics of finance, including interest calculations
 - Matrices, including solving systems of equations
 - Linear equalities in one and two variables
 - Probability, including
 - probability of unions and intersections of events
 - conditional probability
 - Bayes formula

6. **Required Textbook:**

Finite Mathematics for Business, Economics, Life Sciences, and Social Sciences, tenth edition.
By Barnett, Ziegler, and Byleen.

7. **Required Supplies:** A graphic calculator - TI-83 recommended.

8. **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. The professor will keep a record of attendance. Those who have not missed more than 3 class periods will have grades assigned by a different scale than those who have missed more than 3 class periods. Details are provided below. There is no distinction between “excused” and “unexcused” absences.

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.

9. **Assignments:**

- (a) **Homework:** Homework will be assigned in class each day. Homework will not be collected. Assignments can be found online at:

http://www.shsu.edu/~mth_jaj/math199/du.f04.8am.html

It is your responsibility to ask questions about homework problems which you were not able to complete or did not understand. It is your responsibility to come to office hours, make use of the drop-in tutoring lab in 201 Lee Drain, or otherwise contact someone for help. You may contact me via e-mail if you cannot make it to office hours, and I will try to answers questions as clearly as I can via e-mail. It is also your responsibility to do as many problems from each section as you need to in order to feel comfortable with the material.

- (b) **Quizzes:** There will be a quiz in class every Thursday over the material covered during the previous week. 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 quiz score for the semester will be dropped.

I reserve the right to have in-class worksheets unannounced which will count as quiz scores.

10. **Exams:** There will be two exams during the semester. They are tentatively scheduled to occur on :

Tuesday, 28 September and
Thursday, 4 November.

Any changes to this schedule will be announced in class and posted on the web-page.

If a student misses an exam, the student will be allowed to replace that exam score with their score on the final exam if the student has not missed more than one quiz during the semester.

If the student has missed more than one quiz during the semester, the student will take a 0 on the missed exam.

The final exam will be held on Thursday, 16 December, 2004 from 8 - 10 am in our regular classroom. It will be comprehensive.

11. **Grading Plan:** The course grade is based on:

Quizzes	20%
Exam 1	25%
Exam 2	25%
Final Exam	30%

The course grade will be assigned via the following table:

Scores with 3 or fewer absences	Scores with more than 3 absences	Grade
88 - 100%	90-100%	A
77 - 88%	80 - 89%	B
66 - 77%	70 - 79%	C
55 - 66%	60 - 69%	D
0 - 54%	0 - 59	F

There is no additional curve in this class, and no extra credit, so keep up as the semester progresses.

12. **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 and examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.
13. **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 using tobacco products in class, 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.
14. **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.

15. **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.

16. **Disabled Student Policy:** SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Counseling Center and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. **NOTE:** no accommodation can be made until you register with the Counseling Center.
17. **Additional Information** All information on this syllabus is subject to change. Any changes will be announced in class.