Syllabus for Calculus for Business with Applications I (MATH 1260) FALL 2010

This is a technology enhanced lecture course with computer labs. The students will be engaged in the topics through lectures and computer presentations and assignments. Contact the coordinator for this course for information about the lab content and setting up your instructor account. Homework and presentations will emphasize the online aspect. The traditional teaching will be integrated into the lab setting. All quizzes, tests and the final exam will be taken in class.

The following items should be included on the syllabus distributed to the student at the first meeting:

Office Hours: Time and place of office hours. University requirement is 5 hours for faculty and visiting faculty, 3 hours for graduate students, and 2 hours for part-time instructors.

Prerequisites: ACT score higher than 20 or College Algebra placement test score higher than 10, or Elementary Algebra placement test score higher than 12, or passing grade in MATH0980 or MATH 1200.

Required Materials: MyMathLab access code or text with MML access code. Calculator requirements determined by professor.

Textbook (notebook format) : Finite Mathematics and Calculus with Applications, by Lial, Greenwell, & Ritchey; Pearson/Addison Wesley,8e, 2008.

Attendance: Stress that attendance is essential for success in the course. Attendance means that the student is present for the entire class period.

Resources: Students should be made aware of the tutoring help the University provides. Mathematics tutoring is provided by the Mathematics Learning and Resource Center that is located in the basement of Carlson Library

Grading and Evaluation: The syllabus should describe the methods of evaluation whether quizzes, exams, or graded assignments. There should be at least three one-hour in class exams with regular quizzes or 4-5 tests with a minimal number of quizzes. Suggested weights: Homework 10-30%; Quizzes 0-15%; Tests 30-50%; Final exam 20-30%. Suggested grading scale: 90-100% = A; 80-89% = B; etc. Tests are in class. A description of a grading method that includes the proportion that each evaluating method counts toward the grade should be described. If the grading method uses a grading scale it should be clearly stated. Include the last day to add/drop the class. The final exam is comprehensive and mandatory and written by the department.

Class Schedule: Syllabus should provide a list of sections to be covered and should indicate the material that might be covered on each in class examination. The recommended time to be devoted to each chapter is listed below. It is understood that since each class is different; the way you cover the material may vary. Avoid covering too much material in the last weeks of the semester and insure that no sections are left uncovered.

Suggested Schedule for MATH 1260

R. Algebra Reference	Sections 1-7	9 hours
1. Linear Functions	Sections 1-2	3 hours
10. Nonlinear Functions	Sections 1-6	9 hours
11. The Derivative	Sections 1-4	6 hours
12. Calculating the Derivative	Sections 1-4	8 hours
13. Graphs and the Derivative	Sections 1-4	6 hours
	Total Hours	41