SYLLABUS: BUSINESS CALCULUS, MAT284 -100

Instructor and Course Supervisor: Professor Wu-Teh Hsiang
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Office Hours: Tuesday and Thursday: 2:00-3:00 or by appointment.

Lecture: Monday-Wednesday, 9:30-10:50, Heroy Geology Building Auditorium.

Recitations: Each student enrolled in a lecture section must also be enrolled in a recitation section. In most recitation classes there will be a quiz, so be sure that you attend your recitation. TAs will consider homework problems in the recitations and that is the primary place to get questions answered. You are welcome to attend more than one recitation for additional support, but you must take any quizzes in the recitation for which you are registered.

Textbook: *Introductory Mathematical Analysis, for Business, Economics and the Life and Social Sciences,* by Ernest F. Haeussler, Jr. and Richard S. Paul, Richard J. Wood, Prentice-Hall, Custom Edition for Syracuse University MAT 284.

Calculator: A TI-83 calculator is recommended for this course. Students who already own and know how to use another equivalent calculator are free to use it. But calculators with symbolic manipulation capabilities such as the TI-89 or TI-92 may not be used on quizzes or exams.

Course Description: MAT 284 Business Calculus (3 credits). One-variable differential and integral calculus. Applications to business and economics. MAT 284 may not be taken for credit after successful completion of MAT 285 or MAT 295.
This course is designed for students in the School of Management, students planning to minor in management and other students with a serious interest in management and economics. It has less theory than the other introductory calculus courses, and extensive applications, all involving management and economics. MAT 284 is not a part of any sequence meeting the divisional perspectives requirement in the Natural Sciences and Mathematics, and so is usually not an appropriate course for students in the College of Arts and Sciences. However, it is a second course in the Quantitative Skills requirement for the Arts and Sciences core. It is certainly not appropriate for anyone planning to major in mathematics, science, or engineering.

Course Prerequisites: MAT 194 (Pre-calculus) or equivalent.

Homework: Homework will be assigned. Written homework will not be collected, unless otherwise specified during lecture or recitation. Questions on examinations and quizzes will be modeled on homework questions, so it is essential to practice on homework problems.

Attendance: You are expected to attend every class, every recitation, every hour exam, and the final exam. You miss a class, it is your responsibility to obtain a copy of the lecture notes for that class from another student. You are also responsible for any announcements about changes to the course schedule, the exam schedule, or the course requirements that were made during that class.

Tests: There will be a quiz in most recitations and possibly in some lectures. There will be three in-class midterm exams and a final exam covering the entire course. The final exam will be given on Wednesday, December 14, 2011, in a two-hour period between 8:00 AM and 2:30 PM. Do not make plans to leave campus before 3:00 PM on Wednesday, December 14, 2011.

Make-up Exams: There will be no make-ups for the quizzes or the midterm exams or the final. A missed examination counts as a zero unless you present a valid excuse from a physician or the Dean's office. With the written excuse, you may use your score on the relevant portion of the final exam to replace the missed exam.

Grading and Policies: Each of the semester examinations counts for 20% of your course grade. The final examination counts for 25% with the remaining 15% coming from on line homework and quizzes.

The final letter grade will be determined as follows:

Final grade points	Letter grade
93-100%	A
90-92%	A -
87-89%	B+
83-86%	B
80-82%	B -
77-79%	C+
73-76%	C
70-72%	C -
60-69%	D
0-59%	F

Students with Disabilities: If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), (web site: http://disabilityservices.syr.edu), located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations. Making arrangements with ODS takes time. Do not wait until just before the first test.

Academic Integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. The policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see http://academicintegrity.syr.edu