

Syllabus, Spring 2007

Course

Name: MAC 2281-001 Engineering Calculus I (4 credit h.)

Time and place: M 10-10:50, W 9-10:50, F 9-9:50 CHE 102

Instructor: Dr. V. Totik, professor, Mathematics Department

Office: PHY 322 Tel.: 974-9727

Office hours: MW 11-12 pm, F 10-11 and by appointment

<http://tarski.math.usf.edu/~totik/calculus/calculus.html>

Course

Objectives: Cover the basics of calculus, such as limits, differentiation, integration, elementary functions and applications of these

Book: Calculus, 8th Edition, by Larson, Hostetler, and Edwards

Syllabus: With some sections omitted, Chapters 0–5 will be covered (from Ch5 only the first 4 sections)

Attendance Policy

Attendance will not be required, but is expected. It is your responsibility to know what is going on in class. Test dates must be attended.

Students who anticipate the necessity of being absent from tests due to the observation of a major religious observance must provide notice of the date(s) to the instructor, in writing, by the second class meeting.

Any student with a disability is encouraged to meet with the instructor privately during the first week of class to discuss accommodations. The student must bring a current Memorandum of Accommodations from the Office of Student Disability Services (SVC 1133), this is a prerequisite for receiving accommodations. Exam accommodations through the Office of Student Disability Services require two weeks advance notice.

Grading Policy: The plus/minus grading system will be used. There will be 4 one hour midterms and a final. The final can replace the worst midterm grade. Thus, the course grade will be the average of four grades (either 4 midterm grades or 3 midterm grades and the final grade). **NO makup tests are given, please don't even ask.** A missed test is the one that is to be replaced by the final.

Examinations

There will be 1–1 one hour midterms after Chapters 1, 2 and Sections 3.7 and 4.5. Test dates will be announced at least two weeks in advance. The final exam will be in CHE 102 from 10:30 am till 12:30 on Wednesday, May 2.

Cheating constitutes an automatic assignment of an F grade. The university policy on Academic Dishonesty is explained at the website

<http://www.ugs.usf.edu/catalogs/0506/adadap.htm>.

No cellular phones or other electronic devices are permitted in class or during examinations. Calculators are not allowed during exams.

Others

Notes or tapes are not permitted for purposes of sale.

Retaining Exams: You should keep all your returned exams until you receive your final grade. You will need these exams to demonstrate that a grade was incorrectly recorded, should that happen. Any unclaimed exams will be kept until the next exam is given, after which they will be discarded.

Homework will be assigned but not collected. It is strongly advised that you do all of the assigned homework since the exam questions will closely resemble the homework problems. Success in most math classes requires spending at least 1 to 2 hours doing homework for every hour of lecture, so be prepared to devote from 8 to 12 hours per week of your time to this course.

Extra Credit: There will be no extra credit assignments available. Please don't even ask.

Getting Help:

- * There is a Student Solutions Manual available as a companion to the text. It contains answers to all the odd-numbered problems.
- * There is a Math Tutor Lab in PHY 107. The tentative hours of operation are MTWR 9:00 a.m. to 7:00 p.m. and F 9:00 a.m. to 3:00 p.m. The purpose of the lab is to answer generic questions on the course material. You may also ask questions about odd-numbered exercises.
- * Arrange to meet your instructor outside of class.

Cellular phones: Please do not hold conversations, either with your classmates or your cell phones, during the lecture sessions. Cell phones may not be used as calculators. Cell phones must be turned off at all times; this includes exams and lectures.

The last day to withdraw from this course and receive a tuition refund is Friday, January 12 (by 5:00 p.m.).

The last day to **withdraw** from this course and receive a **grade of "W"** is Friday, March 24 (by 5:00 p.m.)

S-U Policy: Students who want to take this course for a grade of S-U must sign the S-U contract no later than the end of the third week of classes. There will be no exceptions. For further information on S-U grades, please see the website

<http://www.ugs.usf.edu/catalogs/0506/gradetc.htm>.

A grade of "I" indicates incomplete work and will only be assigned when most of the coursework has already been completed with a passing grade. See the website

<http://www.ugs.usf.edu/catalogs/0506/gradetc.htm>