

MTHU141 SYLLABUS

QUARTER: Fall 2006
COURSE: MTHU141 Calculus 1, MWΘ9:15-10:20, 10F WV
INSTRUCTOR: N. Krikorian, 557LA, ×5661, n.krikorian@neu.edu,
office hours: MWΘ10:30-11:35.
TEXT: Krikorian, *Differential Calculus*, September 2006, Gnomon Copy
(325 Huntington Ave., Boston, MA).

1. This is a first course in calculus. It covers functions, slope, rate of change, the derivative, trig, log, and exponential functions, curve sketching, optimization, the antiderivative, the definite integral, and the fundamental theorem. Prerequisites are a basic knowledge of arithmetic and algebra. The lectures will follow the text. Almost all sections will be covered.
2. The course meets three times a week. If you miss a class for any reason, you are still responsible for the material covered in that class.
3. The homework problems are the heart and soul of the course. They will be assigned from the text at the end of each class. Solutions will be discussed in the following class. Answers are in the back of the text.
4. There will be five 40 minute in-class exams and a final. The exam schedule is
Sept 18
Oct 2
Oct 18
Nov 1
Nov 15
Nov 30
5. All exams and the final will be closed-book with no calculators allowed. A reference sheet will be allowed for the final. The exams and the final will consist essentially of homework problems. You must take the exams and the final, and you must take them when they are scheduled. There will be no makeup exams and no exemptions from the final for any reason. Notify me as soon as you know you are going to miss an exam. The final will be on 12/13/06 at 10:30 am. Make travel plans accordingly.
6. Your final grade will be based on the exams (60%) and the final (40%). I will drop the lowest exam.
7. You can receive extra help (a) from me during my office hours, (b) at the Math Tutoring Center, 540B NI (MTW10:00-9:00, Θ10:00-6:00, F10:00-1:00), and (c) at the Peer Tutoring Center, 242SL.
8. I reserve the right to make changes in the syllabus at any time of the day or night. This includes homework assignments, exam dates, material covered, and grading policy. It is your responsibility to be aware of these changes as they are announced in class.
9. If you have a concern about the course that cannot be resolved by speaking with me, you can contact the undergraduate director (Professor A. Martsinkovsky, 471LA, x5510, alexmart@neu.edu).
10. Your first assignment is to purchase a copy of the course text from Gnomon Copy.