

MTHU141 SYLLABUS

- QUARTER: Fall 2005
- COURSE: MTHU141 Calculus 1, MW Θ 8:00-9:05, 237FR
- INSTRUCTOR: N. Krikorian, 557LA, \times 5661, n.krikorian@neu.edu,
office hours: MW Θ 11:45-12:45.
- TEXT: Krikorian, *Differential Calculus*, September 2005, Gnomon Copy.

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.

- (1) This course consists of three lecture sessions each week. You are expected to attend. If you miss a class for any reason, you are still responsible for the material covered in that class.
- (2) The lectures will follow *Differential Calculus*. All sections will be covered.
- (3) Homework problems will be assigned at the end of each class. Solutions will be discussed in the following class. The homework problems will be taken from *Differential Calculus*. Unless otherwise announced, you are responsible for all problems from each section. The homework problems are the heart and soul of the course. The exams and the final will consist essentially of homework problems.
- (4) There will be six 40 minute in-class exams and a final. Exams are given on alternate Thursdays (09/15, 09/29, 10/20, 11/03, 11/17, 12/01). Your final grade will be based on the exams (60%) and the final (40%). 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 that you will miss an exam or have missed an exam. Make travel plans only after you know the date of the final.
- (5) You can receive extra help (a) from me during my office hours, (b) at the Math Tutoring Center, 540B NI, and (c) at the Peer Tutoring Center, 242SL.
- (6) I reserve the right to make changes in the syllabus at any time of the day or night. This includes, but is not limited to, 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.
- (7) If you have a concern about the course that cannot be resolved by speaking with me, you can contact the coordinator (Professor A. Iarrobino, 526NI, x5524, a.iarrobino@neu.edu) or the vice chairman (Professor Stanley Eigen, 527LA, x5647, s.eigen@neu.edu) in that order.
- (8) To be discussed in class: cell phones, graphing calculators, website, class packet (NU Reprographics, 11EL), supplementary text, academic honesty.