

Calculus I Course Outline
MAT 175 Section C401[19514], Fall 2013
Tuesdays and Thursdays 11:00AM - 12:40PM, Room: Gillet 305
CUNY Lehman College

Instructor: Byung Do Park

Email: bpark@gc.cuny.edu

Office Hours: Tuesdays 12:40 – 1:40PM or by appointment. Set up an appointment by email for location.

Course Syllabus: The departmental course syllabus and the course calendar is available at: <http://lehman.edu/academics/mathematics-computer-science/calculus.php>

Section webpage: Announcements, homework, exam schedules and other relevant information will be posted on the following webpage(Case Sensitive!):

http://wfs.gc.cuny.edu/bpark/www/teaching/f2013_mat175.html

Textbook: R. Larson, R. Hostetler and B. Edwards, *Calculus: Early Transcendental Function*, 5th ed., Cengage Learning. Custom ISBN: 9781285923536

There are a **prerequisite** and a **corequisite** to take this course. A grade of C or better in MAT172 or placement by the department is required, and MAT155 Calculus I Laboratory should be taken together with this course. Students *may not* receive credit for both MAT174 and MAT175, and MAT174 *will not* serve as a prerequisite for MAT176.

Course description: We shall study limit, continuity, differentiation and applications of differentiation, in the case of real-valued functions with one variable. This section(C401) of MAT175 will put emphasis on *computational aspects* of the theory, and will accordingly discuss various, specific, and concrete examples. As one of primary goals, the instructor will try to help students to understand material based on which one can easily solve problems in the level of MAT175 sample final exam. A student who is taking MAT175 is supposed to have an ability to solve problems in the level of sample final exams of Precalculus(MAT172) and College Algebra(MAT104) at least up to passing scores, and hence the corresponding knowledge will be assumed.

Exams: There will be *three* in-class midterm exams and an in-class final exam. Location, date and time will be announced as soon as determined. First two midterm exams will be following the schedule in the course calendar, and between the second midterm exam and the final exam, one more cumulative midterm exam will be given. This third midterm exam will be designed to help students to be prepared for the departmental final exam. The smallest score among three midterm exam scores will be dropped, and accordingly there will be no make-up exam for any reason.

Policies on the Final Exam: There will be a *uniform departmental final exam* for each section of MAT175 courses, and to receive a passing grade from MAT175, a student must be passed from the *uniform portion* of the final exam. A sample uniform final exam is available either at the webpage of this section or at the department office. Passing score is 55% or above. Calculators are not

permitted for this exam.

Homework and Quizzes: The homework and due dates will be posted on the section webpage. The departmental course calendar contains a list of problems, and homework will be based on this list. There will be no quizzes.

Precalculus Assessment Test: The precalculus assessment test will be given in the first session, will not be reflected to the total score. Students who did not receive a passing score from this test will be advised to drop this course.

Grading Policies: For those who passed the uniform final exam, the total score will be calculated by applying the following weights:

2 Midterms 50%(25% each), Final 40% and Homework 10%.

The least score among three midterm scores will be dropped. A letter grade will be assigned based on a student's total score. A failure grade will be assigned if a student did not pass the final exam.

Academic Integrity: It is expected that you will complete all exams without giving or receiving help from anyone. You may talk to other students about the homework but you must then complete the homework yourself. The minimum penalty for giving or receiving help on an exam is a grade of 0 on that test.

Instructor's policies: Cell phones are not allowed to use in class. Electronic devices should not be shown in any exam.