Syllabus for Math 8, Transition to Higher Mathematics, Winter 2018

Course: Mathematics 8, Transition to Higher Mathematics.
Time: MWF: 2:00-2:50 pm.
Place: PHELP 1448.
Instructor: Davit Harutyunyan
Instructor Office: South Hall 6504
Instructor Email: harutyunyan@math.ucsb.edu
Course Web Page: http://www.math.ucsb.edu/~harutyunyan/ and gauchospace
Office Hours: M: 11:00am-12:00pm, 3:00pm-4:00pm and W: 11:00-12:00pm or by appointment
Teaching Assistant: Joseph Ricci, South Hall 6431Q, email: ricci@ucsb.edu
TA sessions: T R 5:00pm–5:50pm, 6:00pm–6:50pm, GIRV 1108
Course Goals: The goal of this course is to introduce students to proof and rigor in mathematics in order to prepare them for upper division math courses. The course will cover basics concepts of set theory, algebra and analysis.
Homework: Homework problems will be posted on gauchospace every week. Each completed HW must be handed in on the due date right after class. Late homework (no later than 1 week) may be accepted in case of emergencies, but must not become frequent.
Exams: There will be 1 Midterm on Feb. 21st at the class time. The Final Exam will be as scheduled by the university. No make ups will be given for missed exams except in cases of documented medical emergencies. If such an emergency occurs, the student must contact the instructor as soon as possible in order to arrange a time for a make up. No make ups will be given after graded tests are returned.
Course Grading: The Final grade is based on homework, the midterm and the final exam. The homework counts 30%, the midterm counts 25% and the final counts 45%.
Letter Grades: A ∈ [93, 100], A− ∈ [89, 92], B+ ∈ [85, 88], B ∈ [80, 84], B− ∈ [76, 79], C+ ∈ [70, 75], C ∈ [62, 69], C− ∈ [54, 61], D+ ∈ [45, 53], D ∈ [32, 44], D− ∈ [20, 31], E ∈ [0, 19].