

Math 190: Winter 2016 Syllabus

Instructor: Brendon Rhoades

Instructor's Email: bprhoades@math.ucsd.edu

Instructor's Office: 7250 APM

Instructor's Office Hours: 12:00-1:00 pm, MWF or by appointment

Lecture Time: 10:00 - 10:50 pm, MWF

Lecture Room: 111 SOLIS

TA: Garrett Williams

TA's Email: g2willia@ucsd.edu

Discussion Time: 8:00-8:50 am, Tu

Discussion Room: B412A APM

Final Exam Time: Friday, 3/18/2016, 8:00am - 10:59am

Final Exam Room: To Be Announced

Course Description: This is a first course in topology. Topics will include topological spaces, subspaces, product spaces, quotient spaces, compactness, connectedness, and separation axioms.

Prerequisites: Math 140A or Math 31CH.

Textbook: *Topology* by James R. Munkres.

Grading: Grades will be calculated based on homework assignments given roughly once per week, two midterm exams held in class, and a final exam. Homework turned in after 5:00 pm PST on the day that it is due will not be accepted for any reason, but you can turn in assignments via email and your lowest homework score will be dropped for the purposes of calculating your final grade. The weighting is as follows:

Homework: 25%

Midterm 1 (in lecture, 1/29/2016): 20%

Midterm 2 (in lecture, 2/24/2016): 20%

Final Exam (location TBA, 3/18/2016, 8:00am - 10:59am): 35%

Midterm Policies: You must bring a blue book to each midterm. No electronic devices are allowed on midterms and any collaboration on midterms is strictly forbidden. If you perform better on the final exam than on a midterm, the weight of that midterm will be transferred to the final exam. In particular, if you miss a midterm for any reason, that midterm will not contribute to your final score and your final exam weight will be increased by the amount of that midterm. No make-up midterm exams will be given. Each midterm will

contain an example from the lecture and a question from the homework.

Final Exam Policies: You must bring a blue book to the final exam. No electronic devices are allowed on the final exam and any collaboration on the final exam is strictly forbidden. If you need to miss the final exam because of an emergency of the direst sort (death in the family, severe illness, etc.), inform the instructor; you will get an incomplete in the course and have to take a final the following quarter (Spring 2016). The final will contain an example from the lecture and a question from the homework. *If you do not take the final exam on 3/18/2016 at 8:00am - 10:59am for any other reason, you will get an F in the course.*