

MAT 661 Introduction to Point Set Topology Fall 2012

Instructor, Address, and Email:

Stephan Wehrli
304B Carnegie
smwehrli@syr.edu

Classes: Tu and Th, 9:30 – 10:50, 311 Carnegie

Office Hours: Tu 3:10 – 4:40 and Th 12:55 – 1:55

Text: James R. Munkres, *Topology*, 2nd edition; Allen Hatcher, *Algebraic Topology*, Electronic version available at <http://www.math.cornell.edu/~hatcher/AT/ATpage.html>

Course Description: Material for the first part of the course will be drawn mainly from Chapters 1–5 and 7 of Munkres' book. We will study axioms of topological spaces and consequences of these axioms. In the second part of the course, we will study basic topics of algebraic topology, in particular the fundamental group, which is discussed in Chapters 9 and 11 of Munkres' book.

Homework: Homework will be collected on Thursdays at the beginning of the class. You may collaborate with fellow students but, if so, each student should contribute equally, and the work you turn in should be your own, in your own words.

Grading Policy: There will be a final exam and possibly a midterm exam. The exam score will count 50% of the grade, with the other 50% coming from the homework problems.

Academic Integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. For more information and the complete policy, see <http://academicintegrity.syr.edu>.

Students with Disabilities: If you believe that you need accommodations for a disability, please inform the course instructor at the beginning of the semester and contact the Office of Disability Services (ODS), <http://disabilityservices.syr.edu>, located in Room 303 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations.

Religious Observance Notification: Students who will be observing religious holidays during the semester are requested to fill out their notification form on MySlice by the end of the second week of classes. Syracuse University's religious observances policy can be found at http://supolicies.syr.edu/emp_ben/religious_observance.htm.