

Syllabus for Math 636

Topology I

Fall 2018

Section 600

Instructor: Volodymyr Nekrashevych

Office: Blocker 513c

Office hours: Office hours: Monday 11:30 to 12:30 am and Wednesday 2:00 to 3:00 pm or by appointment.

e-mail: nekrash@math.tamu.edu

Home-page: <http://www.math.tamu.edu/~nekrash>

Class hours:

MWF 10:20–11:10 BLOC 121

MATH 304 web page: The web page of the course is

<http://www.math.tamu.edu/~nekrash/teaching/18F/636/M636.html>

Text. Topology and Geometry, by Glen E. Bredon, Graduate Texts in Mathematics 139, Springer- Verlag;

Topics covered. This course is an introduction to Topology. We will cover the basic notions and results in General Topology: axioms of topological spaces, subspaces, nets and convergence, compactness and local compactness, products, quotient spaces, connectedness, uniform spaces and metrization theorems. Prerequisite: Approval of instructor.

Grading. Your grade will be determined by homework, two midterm exams and a *cumulative* final exam. The weights of each of these are as follows.

Homework	Exam I	Exam II	Final Exam	Total
20 pt	25 pt	25 pt	30 pt	100
weekly	≈ Sep 26	≈ Oct 29	Dec 11, 8–10 am	

I may curve any grade and will then compute the course grade by the following rule: *A* for at least 90 points, *B* for at least 80 points, *C* for at least 70 points, *D* for at least 60 points and *F* for less than 60 points.

Make-up policy: Make-ups for missed quizzes and exams will only be allowed for a university approved excuse in writing. Wherever possible, students should inform the instructor before an exam or quiz is

missed. Consistent with University Student Rules , students are required to notify an instructor by the end of the next working day after missing an exam or quiz. Otherwise, they forfeit their rights to a make-up.

Scholastic dishonesty: Copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. For more information on university policies regarding scholastic dishonesty, see University Student Rules.

Remember the Aggie Code of Honor: *“An Aggie does not lie, cheat, or steal or tolerate those who do.”*

Copyright policy: All printed materials disseminated in class or on the web are protected by Copyright laws. One xerox copy (or download from the web) is allowed for personal use. Multiple copies or sale of any of these materials is strictly prohibited.

Americans with Disabilities Act (ADA) Policy Statement: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>.