

Syllabus for Math 636

Topology I

Fall 2015

Section 600

Instructor: Volodymyr Nekrashevych

Office: Blocker 513c

Office hours: Office hours: Monday and Wednesday 2:00–3:00 PM or by appointment.

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

Class hours:

MWF 10:20–11:10 BLOC 506a

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

<http://www.math.tamu.edu/~nekrash/teaching/15F/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 30	≈ Nov 2	Dec 15, 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.”*

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