

Syllabus for Math 636

Topology I

Fall 2006

Section 600

Instructor: Volodymyr Nekrashevych

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Office hours: Monday and Wednesday 9:30–10:30 AM or by appointment.

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Class hours: MWF 11:30–12:20 ZACH 105D

MATH 636 web page: The web page of the course is

<http://www.math.tamu.edu/~nekrash/teaching/06F/MATH636.html>

It will contain lecture handouts and homework assignments.

Course Description. Credit 3. 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.

Recommended texts.

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

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

Exam I	Exam II	Final Exam	Homeworks	Total
250 pt	250 pt	300 pt	200 pt	1000 pt
≈ Sept. 27	≈ Oct. 27	Dec. 13	weekly	

I may curve any grade and will then compute the course grade by the following rule: *A* for at least 900 points, *B* for at least 800 points, *C* for at least 700 points, *D* for at least 600 points and *F* for less than 600 points.

Make-up policy: Make-ups for missed exams will only be allowed for a university approved excuse in writing. Wherever possible, students should inform the instructor before an exam 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. Otherwise, they forfeit their rights to a make-up.

Late Homeworks will not be accepted.

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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Americans with Disabilities Act (ADA) Policy Statement: The following ADA Policy Statement (part of the Policy on Individual Disabling Conditions) was submitted to the University Curriculum Committee by the Department of Student Life. The policy statement was forwarded to the Faculty Senate for information.

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 the Department of Student Life, Disability Services Office, in Room B116 of Cain Hall or call 862-4570.