MATH 289 - Fall 2016
Tuesday 12:45 - 2:00 pm, Bloc 628

INSTRUCTOR: Dr. Mila Mogilevsky
OFFICE: Blocker 241D
OFFICE HOURS: T,F 4:00 pm - 4:30 pm
E-MAIL ADDRESS: mogilevs@math.tamu.edu
WEB page: http://www.math.tamu.edu/~mila.mogilevsky

PHONE: (979)845-3261 (main office)

OFFICE: Blocker 241D
OFFICE HOURS: T,F 4:00 pm - 4:30 pm
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WEB page: http://www.math.tamu.edu/~mila.mogilevsky

COURSE TITLE & DESCRIPTION: Horizons of Mathematics (1 Credit Hour) - Overview of different areas and topics of mathematics, including logic, infinite sets, elements of topology, elements of history of mathematics. Introduction to future courses in math degree plans and to some areas of research done by Math Department faculty. Topics may vary at the discretion of the instructor. Designed primarily for freshmen math majors. Others must have consent of the instructor.

Learning objectives: By the end of the course students should see a broader picture of mathematics, improve their logical reasoning and problem solving skills, have a better understanding of mathematics as a course of study and as a career.

GRADING POLICY: A student’s grade will be determined by attendance, classroom participation, and homework. Homework may include solving problems, writing essays, etc.

Final Grade Determination:
Attendance - 50 points
Classroom participation- 50 points
Homework and essays - 100 points
Total - 200 points

You get an A for score \( \geq 90\% \) of the total, B for \( 80\% \leq \text{score} < 90\% \), C for \( 70\% \leq \text{score} < 80\% \), D for \( 60\% \leq \text{score} < 70\% \), F for score \( < 60\% \).

Participation’s evaluation.
50 points - A student is almost always prepared, asks questions that stimulate discussion, plays an active role in discussions, suggests good ideas for solving problems, group work is better because of the student’s involvement.
40 points - A student is mostly prepared, participates in discussions and sometimes offers ideas for problem solving, group work is occasionally better because of the student’s participation.
30 points - Preparation and level of participation is inconsistent, does not offer to contribute to the discussion but contributes to some degree when called on. Group work is not affected by the student’s presence.
20 points - A student is present and not disruptive. Tries to respond when called but does not offer much. Rarely involved in a discussions. Group work and level of discussion is worse in the student’s presence.
0 points - A student is absent most of the times.

A student can get an extra 10 points to move to a higher category by doing an extra assignment suggested by an instructor. Group work of a student is evaluated by other students in the group and by the instructor.

EXAM POLICY: If you disagree with your assignment grade, discuss it with the instructor the day the assignment is handed back.
ESSAYS and HOMEWORK: Suggested topics for essays and suggested homework problems will be given as course progresses.

Visit the instructor during office hours and seek help if needed.

ATTENDANCE, ABSENCES and MAKE-UP POLICY: Attendance is one of your responsibilities for the class. It will be checked every class period. Come to class on time and be a good team member by actively participating in it. To be excused and have the right to miss a class or a due date for a graded work, you need to notify the instructor in advance or, if advanced notification is impossible, by the end of the second working day after the absence (in the last case you must provide an explanation why the notification before the class was impossible). In addition, a written excuse must be presented upon your return to class. Specifically, if you miss a due date for a graded work due to an illness or an injury, you need to provide a confirmation of your inability to attend the class that day from a medical care professional. Please note that an absence for a non acute medical condition does not constitute an excused absence. See http://student-rules.tamu.edu/rule7.htm for details.

LATE WORK POLICY: No late work will be accepted unless there is a university approved excuse in writing.

SOURCES of HELP.

- If you have a question, do not hesitate to ask before, after, or during a class.

- **Office hours.** Attend office hours to get individual help and to discuss mathematics. You do not need an appointment to come to regular office hours. If your schedule does not permit you to come to the announced office hours, send the instructor an e-mail with your schedule and ask for an appointment.

SPECIAL SERVICES:

The American with Disabilities ACT (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, the 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 special accommodations, please contact Department of Disability Services, (Cain Hall, Room B118, or call 979-845-1637).

SCHOLASTIC DISHONESTY: Copying work done by others, either in class or out of class, including copying information from web sources, and/or having someone else do your work for you are all acts of scholastic dishonesty. These acts, and other acts that can be classified as scholastic dishonesty, will be prosecuted to the full extent allowed by University policy. In this class, collaboration on graded assignments, either in class or out of class, is forbidden unless permission to do so is granted by the instructor. For more information on university policy regarding scholastic dishonesty, see University Student Rules at http://student-rules.tamu.edu/.

"An Aggie does not lie, cheat, steal, or tolerate those who do".


Have a successful semester!