

MATH 2310-FA Elementary Probability and Statistics

Instructor Dr. Sergey Ulanov

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Lectures for 2310-FA:

MWF: 02:30pm – 03:30pm

Room RB-1042

Labs for 2310-FA:

F: 10:30 am - 11:30 am

Room UC-0050

Email Communication: Any time. Don't forget to include the course number, your name, and keywords in the subject line. For example, "Subject: Math 2310, John Smith, formula for standard deviation" (otherwise your message will not be opened).

Textbook: W. Mendenhall, R. J. Beaver, B. M. Beaver, S. E. Ahmed "Introduction to Probability and Statistics", Second Canadian Edition.

Course content: This course is an introduction to the theory and applications of statistics. Topics include descriptive statistics using tables and charts, sample space and events, elementary probability, measure of central tendency, variability and association, basic discrete and continuous distributions, hypothesis testing and confidence intervals, simple linear regression and correlation.

Lectures and labs: Attending lectures and labs is compulsory, because the instructor is going not only to discuss some theoretical statements, but also teach how to solve probabilistic and statistical problems. Besides, during the lab hours you will meet the instructor and ask questions about the course materials and even get a help to finish your assignment.

Assignments: There will be **five assignments**. All assignments, hand written or printed, should have a cover page with information including: course number, assignment number, student's name and student's ID number.

The deadline for each assignment will be announced additionally.

There will be an assignment box for the assignments on the second floor of RB.

Late assignments may be accepted with acceptable proof and these assignments must be submitted to the instructor in the class. (Do not put into the mailbox or drop in the assignment box). Each miss assignment will be counted 0.

. Sloppy writing may face a mark penalty up to 20%.

Midterm test and Final Exam: There will be one midterm test held in October during the class time.

There will be no makeup test for a missed test. If there is a legitimate (documented) reason, the final mark will be calculated on the basis of the assignments and final exam. Otherwise a grade of 0% for the missed test will be averaged with other grades.

If you think your score is not fair, put your complaint in writing on the front page of the test or an assignment and return it to the instructor right after the class. Do not put into the assignment box and do not make any changes in your papers.

The midterm test and final exam will be open book and a non-programmable calculator is allowed.

Students are allowed to bring few pages of personal study notes. Related tables will be provided.

The final exam will cover all of the course material.

The final exam will be written in the scheduled three hours. Further details will be provided closer to the test and exam dates.

Performance Evaluation: Your final grades are calculated from your five assignments (20%), midterm test (30%), and final exam (50%).