Probability and Statistics

Instructor

- Instructor for the lectures: Wojciech Matysiak
  (instructor for the tutorials: dr Joanna Matysiak)
- Email: Wojciech.Matysiak@pw.edu.pl
- Webpage: www.mini.pw.edu.pl/~matysiak
- Office: 439, Mathematics (MiNI) Building
- Office hours: TBA
- Microsoft Teams: Probability and Statistics - 2023L
  (you should already be a member of this team)

Structure of the course

- Lectures
  - presenting the content of the course (definitions, theorems, some proofs, mainly examples)
  - the PDF/HTML files of the slides will be posted in the MS Teams (General channel, Files tab, Class materials)
  - the files will not contain all the material that will actually be presented in the class
  - any content presented in the lectures may appear in tests and exams
- Recitations/tutorials
  - solving mathematical problems related to the content of the course
  - problem sets will be made available in advance so you will be able to solve them at home

Evaluation

Your final grade will be based on:
- two written tests ($2\times$ 22 points)
    - the exact dates will be announced later,
    - solving mathematical problems similar to the ones presented during the lectures and tutorials,
    - no books, notes, and/or any electronic devices are allowed on the test
- active participation in the tutorials (up to 6 points)
    - for clear, complete and convincing presentation of homework solutions, without using any notes
- a final exam (50 points)
    - to be held in the exam session, three dates (the dates and locations will be available at a later date on your department's website, and will be announced when they are posted)
    - no books, notes, calculators and/or other electronic devices are allowed on exams

Evaluation - cont'd

There might be some extra points for solving extra simulational problems (writing computer programs to solve some problems related to the course content by means of simulations and numerical computations) - to be announced later.

- ► Concluding:
    - ► two test (up to 44 points)
    - ► activity (up to 6 points)
    - ► a final exam (up to 50 points)
- ► In order to pass the course, you need to receive at least half of the points possible in the final exam!
- ► The final grade will be assigned as follows:
    - ► ≤ 50 – 2.0
    - ► (50-60] – 3.0
    - ► (60-70] – 3.5
    - ► (70-80] – 4.0
    - ► (80-90] – 4.5
    - ► (90-100] – 5.0

Attendance policy

- The attendance will not be taken in the lectures. If you prefer not to attend the lectures, it in no way excuses you from learning the material from the lectures and meeting the requirements of the course.
- The attendance will be taken in the tutorials/recitations. The permissible limit of unexcused absences is 1; the permissible limit of excused absences is 3.

Other important information

- The MS Teams platform will be used to electronic communication. However, most announcements will be made in class. If you are missing a class, it is your responsibility to find out what has been announced in the class.
- There will be NO collected or graded homework from the tutorials/recitations.
- If you have any questions, I will be happy to discuss them with you before or after the classes, or during breaks. I keep receiving large volumes of emails from students, and do not have the bandwidth to reply promptly to them. Thank you for your cooperation!