

Probability Theory

I. Semester 2024/25

Neptun code: BMETE95AP45

Lecturer: Balázs Bárány

Tutors: Balázs Ráth and Aamir Shagir

Attendance requirements:

To get the signature for the course, you must participate in at least 75% of the practical course. (There are 13 lessons this semester; you can miss only 3.)

Midterm requirements:

To fulfill the practical courses and to get the signature:

- **Obligatory homework every week:** To get the signature, there must be assessable results on at least 70% of the homework sheets. (Namely, if there are at least 8 homework sheets with non-zero given points.) For homework submitted within two days after the deadline, the received points will be decreased by 30%. Homework submitted later than the deadline+two days can be accepted only in a very justifiable case.
The homework submission will be online via Moodle, possibly in PDF format.
- **Midterm tests on the 6th and 12th weeks:** To get the signature, the student must score at least 40% on both midterm tests. The 1st test will be on the 8th of October (Tuesday) at 16:15 and the second on the 19th of November (Tuesday) at 16:15. The exact place will be advertised later.

For the students who failed to score 40% or want to increase their score, two retaken midterm tests will be held **on the 8th and 14th weeks**. The exact times and places will be announced later.

Criteria for the exam:

The criterion for the exam is the signature for the semester.

Exam:

During the examination period, there will be 100-minute written exams containing theoretical questions and practical exercises. The minimum score required for a successful exam is 40%. The exam of the students who could not achieve 40% is considered automatically inadequate. The final score for those who had reached 40% on the exam and got the signature is calculated as follows:

$$\text{homework} \cdot 0.2 + \text{midterm1} \cdot 0.15 + \text{midterm2} \cdot 0.15 + \text{exam} \cdot 0.5$$

The final mark is given by the final score x as follows:

$x < 40\%$	fail	(elégtelen (1))
$40\% \leq x < 55\%$	pass	(elégséges (2))
$55\% \leq x < 70\%$	satisfactory	(közepes (3))
$70\% \leq x < 85\%$	good	(jó (4))
$85\% \leq x$	excellent	(jeles (5))

24th of August 2024.