

# Construction Information Technology

## Mathematics

### I. semester 2023/24

Neptun code: BMETE90MX63

Lecturer: Balázs Bárány

#### **Midterm test:**

There is one midterm test during the semester, which is 45 minutes long and takes place on the **30<sup>th</sup> of October (the 9<sup>th</sup> week)**, during the lecture. The test contains three exercises each of 20 points, and the student may choose *two* of them to solve. Hence, the maximum score that one can get on the test is 40 points.

If someone failed the midterm test or wants to increase the score, there will be one extra midterm test on the **13<sup>th</sup> of November (the 11<sup>th</sup> week) at 18:00 in ?**. I draw your attention that it is possible to decrease the score on the extra midterm test. That is, we consider only the score of the test, which was written at the latest.

There will be an extra test during the week of repeats on the **?<sup>th</sup> of December at ? in ?** for those, who failed to get the signature for the semester (under the special procedure fee). We advertise the exact time and place later.

#### **Criteria for the exam:**

The criterion for the exam is the signature for the semester. Those students can get the signature for the semester, who had at least a 30% (i.e., 12 points) score on the midterm test.

#### **Written exam:**

During the examination period, there will be written exams. The exam will contain six exercises each of 15 points, and the student may choose *four* of them to solve. Thus, on the written exam, the maximal score is 60 points. The minimum number of points, which is required for a successful exam is 40% (24 points). The exam of the students, who could not achieve 24 points, is considered automatically inadequate.

For the midterm test and written exams, bring seven A4 papers (for work); *photo ID* (ID card, passport, student card, driving license etc.); *stationery* (pen etc.); *the formula collection* which can be downloaded from the webpage; and a *basic calculator* (which is capable for the four basic operations (+, -, \*, /) and for evaluation of elementary functions. It is forbidden to use calculators, which are capable of matrix operations, integration, and derivatives of functions, programmable or can connect to the internet.) During both the midterm test and exam, it is strictly prohibited to communicate with each other or with an external person.

The final grade is given by the sum of the midterm test and written exam score as follows:

- 49	fail	(elégtelen (1))
50 - 59	pass	(elégséges (2))
60 - 69	satisfactory	(közepes (3))
70 - 84	good	(jó (4))
85 - 100	excellent	(jeles (5))

29th of August 2023.