



BME FACULTY OF ARCHITECTURE DEPARTMENT OF BUILDING CONSTRUCTIONS
Subject: Building Constructions 4 (BMEEPESA501)

Semester: 2019/ 2020 1st Requirement: Practical Mark Year: BSc 3rd (New Programme)

Lecturers: Dr. Zoltán Hunyadi, Beáta Mesterházy

Subject's Head: Dr. Zoltán Hunyadi, Heads of Semester: Beata Mesterházy, Rózsa Varga

REQUIREMENTS ON THE SUBJECT

The prerequisites of the subject

- The prerequisites of the subjects are the *Introduction to Building Constructions and Building Constructions 1 & 2*. (for the student to be accepted for the subject).
- The semester is graded with a "fail" (1) mark if not all the requirements are completed and the subject must be repeated.
- There is no possibility to accept any partial result from the similar subject before automatically. If the student has an at least middle level semester project (min. 27 points) a request can be given to the consultant to accept it (the request form can be downloaded from the website of the Department).

The paradigm of the tuition

The subject includes lectures and tutorials. The classes are varied combinations of common workshop exercises and common consultations. The student must have the necessary drawing instruments on him in the class to be able to work. Every student must complete two individual semester projects improved at home with the help of the consultations in certain classes.

Regulations for attendance and supplement

The presence at the lectures is mandatory. It will be checked by one short question in the beginning of the class about the topic of the previous lecture and will be graded with 0 – 0,5 – 1 points.

The active participation at the tutorials is mandatory. The presence will be checked in the end of the class. If the class work is not satisfactory the presence is not accepted.

Beyond 30 % absence from the lectures or the tutorials the semester won't be accepted. The reason of the absence won't be examined by the Department.

Mid-term check and supplement (dates according to the topics schedule)

The collected knowledge is checked twice by means of written tests each of max. 45 points during the semester. Both tests can be repeated at a certain occasion at the end of the semester.

The workshop exercises don't have to be handed in but they are graded with points (0-1) at the end of the class. The student can collect altogether max. 10,0 extra points on the workshop exercises.

The different parts of the semester projects must be shown to the consultant at the occasions given in the topics schedule. Their readiness level will be put down.

Deadline task (dates according to the topics schedule)

The semester projects must be submitted at the scheduled dates. The required content of the semester project is included in the document called "task specification".

The mid-term submissions are held in the classroom in the beginning of the pointed class, the final one is held in the Department.

The semester project has to be completed after 2+2 consultations certified by the instructor. (The student must collect the signatures!) The project won't be checked without the original task paper.

The non completed (less than 90 % readiness level) projects are not accepted at the submission. Those who miss the deadline can submit their projects (irrespectively of their readiness level) at the supplementary deadline with

paying the extra process fee in advance and the student gets **only 90 %** of the points that the project would be worth. The submitted but not accepted (poor quality, non completed) drawings are not given back for correction or completion! No part of the project can be submitted after the deadlines. Those who miss the supplementary deadline lose the semester.

There is no possibility to have any consultation after the first submission deadline of the 2nd semester project. The consultant has two weeks to check and to grade the semester projects after the submission.

Requirements for the practical result (signature)

- Active presence at the tutorials and at the lectures (less than 30 % absence), and should collect min the 50 % of the lecture short question points.
- Accepted semester projects (both projects must reach the satisfactory level, min. 50 % of the points).
- Two written mid-term tests with passing total test result (min. 50% of the points: 45 points) the results of both midterm tests which are taken into account should reach at least 22,5 points.

Registration for the exam

- No exam

Type of the exam

No exam.

After fulfilling all the prerequisite subjects the student can sit for the global 1 exam!

Final mark

(practical mark)

The grading of the student's work goes by a mark that is calculated as follows:

- The mark is sum of the semester projects and the mid-term tests.
- Midterm-tests: 90 points (min. 45 points)
- Semester projects: 90 points (min. 45 points) Both semester projects should reach the 50% of the maximum points separately.
- Altogether: 180 points (min. 90 points) + max. 10,0 extra points of the we.

The change between points and marks is as follows:

- | | | |
|-----------|--------|------------------|
| 0 – 89 | points | 1 (fail) |
| 90 – 109 | points | 2 (pass) |
| 110 – 129 | points | 3 (satisfactory) |
| 130 – 149 | points | 4 (good) |
| ≥150 | points | 5 (excellent) |
- Credit points: 4

Study-aid - the illustration of the lectures

websites of the manufacturers

website <http://www.epszerk.bme.hu/> (Courses in English)

Budapest, 11. September 2019.

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Beáta Mesterhazy, Rózsa Varga Heads of Semester
Dr Zoltán Hunyadi, Beáta Mesterházy Lecturers