

Building Construction Study (BMEEOEMAT44)

Topics and Schedule, 2023/2024. Semester II.

week	Wednesday classes at K183 from 14:15 to 16:00		Friday classes at K374 from 10:15 to 12:00		Performance evaluation (Exact dates and location indicated individually)
	Date	Topic	Date	Topic	
1.	14th February (Wednesday)	Lecture 01 Classification of building constructions. Load bearing wall-type buildings	16th February (Friday)	NO CLASS	Handing out HA1 (14th February, at the lecture)
2.	21st February (Wednesday)	GP 01 Introduction	23rd February (Friday)	GP 02 Brick bonding	–
3.	28th February (Wednesday)	GP 03 Load bearing wall-type buildings	1st March (Friday)	NO CLASS	–
4.	6th March (Wednesday)	Consultation (HA1)	8th March (Friday)	Lecture 02 Frame-type (skeleton) buildings. Floor slabs, ring beams and balconies.	1st control test in Moodle (6th March, Wednesday, 6-7 PM)
5.	13th March (Wednesday)	GP 04 Frame-type buildings	15th March (Friday)	National holiday - NO CLASS (1848-49 Revolution remembrance day)	Submission of HA1. Handing out HA2 (13th March, at the seminar)
6.	20th March (Wednesday)	GP 05 Slabs	22nd March (Friday)	Lecture 03 Flat roofs. Waterproofing.	Late submission of HA1 (20th March, at the seminar)
7.	27th March (Wednesday)	GP 06 Flat roofs	29th March (Friday)	Easter Friday - NO CLASS	–
8.	3rd April (Wednesday)	Spring break (no classes) - NO CLASS	5th April (Friday)	Spring break (no classes) - NO CLASS	–
9.	10th April (Wednesday)	Consultation (HA2)	12th April (Friday)	Vásárhelyi Days (event of the Faculty) - NO CLASS	2nd control test in Moodle (10th April, Wednesday, 6-7 PM)
10.	17th April (Wednesday)	Lecture 04 Pitched roofs. Roof covers.	19th April (Friday)	NO CLASS	Submission of HA2. Handing out HA3 (17th April, at the lecture)
11.	24th April (Wednesday)	GP 07 Pitched roofs	26th April (Friday)	GP 08 Roof coverings	Late submission of HA2 (24th April, at the seminar)
12.	1st May (Wednesday)	1st of May (Labour Day, national holiday) - NO CLASS	3rd May (Friday)	NO CLASS	–
13.	8th May (Wednesday)	Lecture 05 Foundations. Stairs.	10th May (Friday)	Mid-semester Test (MT) Consultation (HA3)	Retake of the Control Tests in Moodle (8th May, Wednesday, 6-7 PM)
14.	15th May (Wednesday)	Lecture 06 Introduction to building physics, energy perf., and building services. Facades and openings.	17th May (Friday)	NO CLASS	–
15.	22nd May (Wednesday)	GP 09 Foundations, openings	24th May (Friday)	Retake of the mid-semester Test (MT) Consultation (HA3)	Submission of HA3 (22nd May, at the seminar)
	Late submission of HA3 and 2nd retake of the MT on the 31st May 2024 (Friday) at 12:00-14:00 (12-2 PM), location to be announced				

The next page provides a summary about the most important (and frequently asked) questions regarding the course. For a detailed and complete description, please refer to the course description on Moodle.

Budapest, 3rd February 2024

Balázs FÜRTÖN
lecturer and seminar instructor



Building Construction Study (BMEEOEMAT44)

General grading information, 2023/2024. Semester II.

Attendance is being checked at every class:

- **For the lectures:** by checking the students by name.
- **For the Guided Practice (GP) seminars:** by grading the submitted GP sheets (0 point will result in the student accounted as absent)

The drawings must be the students' own manual work (**no computer aided drawing is permitted in this course**).

Minimum requirements to get a final grade:

- obtaining at least a pass (**grade ≥ 2**) on the **MT**
- submitting, and obtaining at least a pass (**grade ≥ 2**) on **each** home assignments (**HA1, HA2, HA3**)
- submitting and obtaining at least a pass (**point > 0**) on each **GP sheet (GP 1-10)**.

Submitting a homework assignment or GP sheet does not automatically mean a pass.

Information on the Guided Practice sheets (GP)

- GP sheets must be submitted right after each seminar for performance evaluation.
- GP sheets are graded with either 1 point, 0.5 point or 0 point, based on the completeness of the sheet: receiving 0 point on a GP sheet means two things:
 1. **The student needs to redo the GP sheet** at home as if due to absence.
 2. **That seminar will be counted as absent** (a minimum attendance is checked during the semester: **if a student misses too many classes** (more than 30% of either the lectures or the seminars), **they will fail the subject**).
- In case of skipping/missing a seminar, the GP sheet must be submitted at the next seminar, based on the solution available on the Moodle (<http://edu.epito.bme.hu>) for grading. At the end of the semester all GP sheets needs to be handed in at a level sufficient to pass (at least 0.5 points for each).

Information on the Homework Assignments (HA)

- **In the case of missing the late submission deadline, the HA won't be accepted and graded.**
- **HA assignments need to have a cover sheet** (folded A2), with the consultation sheet glued on the cover: if an assignment fails to meet these criteria, it won't be accepted.
- **Serious conceptual mistakes** (e.g. mismatching load-bearing direction compared to the assignment) **might result in instantaneously failing the HA assignment without further grading:** to prevent this, **consultation** about the home assignments (HA1, HA2, HA3) with the instructor **is strongly recommended**.

Information on the Control Tests (CT)

- Control tests will be held in Moodle, **outside of regular class hours** (Web: <http://edu.epito.bme.hu>)
- The questions are **testing the knowledge** obtained from the lectures and guided practice seminars held up to that date.

Information on the midterm test (MT)

- The mid-semester test (MT) will have **two parts: theory and drawings**. Theoretical questions test knowledge based on the lectures and practice seminars; the drawing will be a detail based on the GP sheets covered in the semester.
- **Individual practice at home** based on the solution GP sheets is necessary for a successful semester
- The parts cannot be performed separately, meaning that the **retakes can only happen as a whole test**.

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