



M Ű E G Y E T E M 1 7 8 2

Building Construction Study (BMEEOEMAT44)

Topics and Schedule, 2024/2025. Semester I.

Week	Date	Lecturer	Lecture topic	Date	Instructor	Seminar topic	Performance evaluation
1.	02.09. Monday	Dr. Nagy	Classification of building constructions. Load bearing wall-type buildings	02.09. Monday	Szatmári	GP 1: Introduction, handing out HA1	
2.				09.09. Monday	Szatmári	GP 2: Brick bonding	
3.	16.09. Monday	Dr. Nagy	Frame-type (skeleton) buildings. Floor slabs, ring beams and balconies.	16.09. Monday	Szatmári	GP 3: Load bearing wall-type buildings	
4.				23.09. Monday	Szatmári	GP 4: Frame-type buildings	1st control test in Moodle (26.09. Thursday, 6-7 PM)
5.	30.09. Monday	Dr. Nagy	Flat roofs. Waterproofing.	30.09. Monday	Szatmári	Consultation, handing out HA2	Submission of HA1
6.				07.10. Monday	Szatmári	GP 5: Slabs	Late submission of HA1
7.	14.10. Monday	Dr. Nagy	Pitched roofs. Roof covers.	14.10. Monday	Szatmári	GP 6: Flat roofs	
8.				21.10. Monday	Szatmári	GP 7: Pitched roofs	2nd control test in Moodle (24.10. Thursday, 6-7 PM)
9.	28.10. Monday	Dr. Nagy	Introduction to building energy performance. Facades and openings.	28.10. Monday	Szatmári	GP 8: Roof covers	
10.				04.11. Monday	Szatmári	Consultation, handing out HA3	Submission of HA2
11.	11.11. Monday	Dr. Nagy	Foundations. Stairs.	11.11. Monday	Szatmári	GP 9: Foundations	Late submission of HA2
12.				18.11. Monday	Szatmári	GP10: Openings	Retake of the Control tests in Moodle (21.11. Thursday, 6-7 PM)
13.	25.11. Monday	Dr. Nagy	Mid-semester Test (MT)	25.11. Monday	Szatmári	Consultation	
14.				02.12. Monday	Szatmári	Retake of MT, consultation	Submission of HA3, retake of MT
15.	Late submission of HA3 and 2 nd retake of the MT at 13.12.2024. Friday, 12-2 PM						

Guided Practice (GP) sheets must be submitted after each seminar for performance evaluation. The drawings must be the students' own manual work. In case of skipping/missing a seminar, the GP sheet must be made up and submitted at the next seminar or consultation.

Requirements of grading are obtaining at least a pass (2) on MT, submitting, and obtaining at least a pass (2) on each home assignments (HA1, HA2, HA3) and submitting and obtaining at least a pass (2) on each GP sheets (GP 1-10). Submitting a home assignment or GP sheet does not automatically mean a pass.

Control tests will be held in Moodle (<http://edu.epito.bme.hu>). Mid-semester test will have two parts: theory and drawings, however, the parts cannot be performed separately. Obligations missed due to being late or cancelled classes must be made up in agreement with the lecturer!

Dr. Balázs Nagy, lecturer

Levente Szatmári, seminar instructor