



M Ű E G Y E T E M 1 7 8 2

Building Construction Study (BMEEOEMAT44)

Topics and Schedule, 2022/2023. Semester I.

Week	Date	Lecturer	Lecture topic	Date	Instructor	Seminar topic	Performance evaluation
1.	05.09. Monday	Dr. Nagy	Classification of building constructions. Load bearing wall-type buildings ONLINE	07.09. Wednesday	-	-	
2.				14.09. Wednesday	-	-	
3.	19.09. Monday	Dr. Nagy	Frame-type (skeleton) buildings. Floor slabs, ring beams and balconies.	21.09. Wednesday	Fürtön B.	GP 1: Introduction, handing out HA1 GP 2: Brick bonding	
4.				28.09. Wednesday	Fürtön B.	GP 3: Load bearing wall-type buildings	
5.	03.10. Monday	Dr. Nagy	Flat roofs. Waterproofing.	05.10. Wednesday	Fürtön B.	GP 4: Frame-type buildings	1st control test in Moodle (05.10. between 6-7 PM)
6.	15.10. Saturday	Dr. Nagy	Pitched roofs. Roof covers.	12.10. Wednesday	Fürtön B.	Consultation, handing out HA2	Submission of HA1
7.	17.10. Monday	Dr. Nagy	Foundations. Stairs.	19.10. Wednesday	Fürtön B.	GP 5: Floor slabs	Late submission of HA1
8.				26.10. Wednesday	Fürtön B.	GP 6: Flat roofs	
9.	17.10. Monday	-	-	02.11. Wednesday	Fürtön B.	GP 7: Pitched roofs	2nd control test in Moodle (02.11. between 6-7 PM)
10.				09.11. Wednesday	Fürtön B.	Consultation, handing out HA3	Submission of HA2
11.	14.11. Monday	Dr. Nagy	Introduction to building physics, energy perf., and building services. Principles of BIM.	16.11. Wednesday	Fürtön B.	GP 8: Roof covers	Late submission of HA2
12.				23.11. Wednesday	Fürtön B.	GP 9: Foundations	Retake of the Control tests in Moodle (23.11. between 6-7 PM)
13.	28.11. Monday	Dr. Nagy	Facades and openings. Mid-semester Test (MT)	30.11. Wednesday	Fürtön B.	GP10: Openings	MT
14.				07.12. Wednesday	Fürtön B.	Consultation, retake of MT	Submission of HA3, retake of MT
15.	Late submission of HA3 and 2 nd retake of the MT at 16.12.2022. Friday, 12-2 PM						

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

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. GP sheets must be submitted after each seminar for performance evaluation. In case of skipping/missing a seminar, the GP sheet must be made up and submitted at the next seminar. Consultation of the home assignments (HA1, HA2, HA3) with the instructor is strictly recommended!

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