

Course name: Building Construction IV.

Course code: YARÉSZ4BNF

Hours per week: 2 lecture / 2 practice / 0 laboratory; Exam/ 7 credit

Precondition for Erasmus students: 2 semester Building Constructions

In charge: Prof. Gall Anthony John PhD, lecturer: Dr. Gergely Vizi

OBJECTIVE OF THE COURSE:

- Technical drawing as the language of architecture. To be able to draw and design well-constructed buildings even in the process of designing the building itself.
- Preparing the building process, technological instruction, getting familiar with the aspects of worksite safety
- Education for independent creative, planned, precise and demanding engineering work

14 WEEKS SCHEDULE

1. week:	1. lecture: INDUSTRIAL HALL STRUCTURES 1.1. practice: MGY1: structures of a steel hall
2. week:	2. lecture: INDUSTRIAL HALL STRUCTURES 2. 2. practice: MGY2: structures of a RFC hall, handing out HW#1
3. week:	3. lecture: INDUSTRIAL HALL STRUCTURES 3. 3 practice: Consultation
4. week:	4. lecture CONSTRUCTION TECHNOLOGY 1. HW#2 - technological film analysis 4 practice Consultation, Teacher's approving signature
5. week:	5. lecture WATERPROOFING 1. Structure of flat roofs 5 practice TEST#1, HW#1 submission
6. week:	6. lecture WATERPROOFING 2. Sub structures 6 practice HW#1 expletive submission (-10%), MGY5: Insulating against SM and SWP structural variations
7. week:	7. lecture WATERPROOFING 3. Industrial and domestic Waterproofing in bathrooms and showers 7 practice consultation
8. week:	8. lecture CONSTRUCTION TECHNOLOGY 2. 8 practice consultation
9. week:	9. lecture HABITABLE ATTICS 9 practice TEST#2
10. week:	10. lecture DRY BUILDING TECHNOLOGIES Partition walls, 10 practice consultation
11. week:	11. lecture DRY BUILDING TECHNOLOGIES 2 Suspended ceilings, raised floors 11 practice Corrective test#1, HF4 submission
12. week:	12. lecture CONSTRUCTION TECHNOLOGY 3. Suspended ceilings, raised floors 12 practice HW#2 submission
13. week:	13. lecture CONSTRUCTION TECHNOLOGY 4 Rögzítéstechnika FISCHER 13 practice HW#2 expletive submission
14. week:	14. lecture: SUMMARY, CONCLUSION 14. practice: Corrective test #2

Assessment:
TESTS: 2 pcs
Exam: Yes