

Course name: Construction Studies II.

Course code: YAXCS2FMNF

Hours per week: 1 lecture / 1 practice / 0 laboratory; Final mark/ 3 credit

Precondition for Erasmus students: 2 semester Digital Visual Studies

In charge: Dr. Vizi Gergely Norbert PhD, Senior Lecturer

OBJECTIVE OF THE COURSE:

Get familiar with flat roof and sublevel water insulations, curtain walls, and hall structures, learn basic construction methods and be able to draw proper solutions.

14 WEEKS SCHEDULE

1. week: lecture: Waterproofing – substructures. Practice: Handing out HW#1
2. week: 2. lecture: Waterproofing – substructures. Practice: Consultation
3. lecture: Waterproofing – flat roofs. Practice: Consultation
4. lecture Waterproofing – terrace roofs. Practice: Consultation
5. lecture Waterproofing – green roofs. Practice: Consultation
6. lecture Waterproofing – Waterproofing in bathrooms and showers. Practice: Consultation
7. lecture TEST#1. Practice: Consultation
8. lecture Curtain walls – design questions. Practice HW#1 submission
9. lecture Curtain walls – details. Practice detailing
10. lecture Hall structures. Practice: Handing out HW#2
11. lecture Hall structures. Practice: Consultation
12. lecture Hall structures. Practice: Consultation
13. lecture TEST#1. Practice: HW#2 submission
14. lecture: Summary, conclusion. Practice: Corrective TESTs, expletive submission

Assessment:

2 Tests

2 Tasks:

HW#1 Flat roof and basement water insulation plans 1:50 and details in 1:10

HW#2 Plan for a Hall with large span 1:50 and details in 1:10