

**Course data sheet
and course requirements**

Construction Technology I.

1.)

Code of the course	Semester	Requirements	Credit	Language
MSB062AN	4	1/1/0	2	English

2.) Accountable personnel and department

Dr. Balázs Füredi - interim head of department, assistant professor

3.) Lecturer of the course

Dr. Balázs Füredi – assistant professor
Szabolcs Patyi – assistant lecturer

4.) The course based on the following precognitions:

Building materials, building structures I.

5.) Following subject

Construction technology II.

6.) Goals of the course

The goal of the subject is to present basic information of the construction technologies.

7.) Requirements

Midsemester test.
Semi-annual task
Presence on at least 70% of the lectures.

8.) Consultation

On the occasion of the lectures.

9.) Detailed syllabus of the course

Week	Lecture	Subject of lecture
1.	Introduction	The syllabus of the semester
2.	The characteristics of the construction	The method of the construction technology
3-4.	Earthworks 1.	The plannings of the earthworks
5-6.	Earthworks 2.	Timberings in the earthworks
7-8.	Making of foundations	Foundation work
11.	Earth moving machines	The organisation of the machines
12-13.	Vertical loadbearing structures	Walls, pillars, vaults...etc.

Week	Seminar	Subject of seminar
3.	The plan of the buildings	The system of the planning
5.	Persons and roles in the construction industry	Responsibilities, positions
7.	The systems of the technological instructions	Semi-annual task, deadline week of 14th.
9.	Consultation 1	
11.	Consultation 2	
13-14.	Consultation 3.	
15.	Backup lesson, assessment	Making of ceilings from prefabricated structures

Pécs, 2019-02-04

Dr. Balázs Füredi
assistant professor