

Course data sheet
and course requirements

Construction technology in practice

1.)

Code of the course	Semester	Requirements	Credit	Language
PMSEKNE500A	6	1/2/0	2	English

2.) Accountable personnel and department

Dr. Balázs Füredi - Head of Department of the Institute of Building Construction
Dr. Balázs Füredi – senior lecturer Institute of Building Construction

3.) Lecturer of the course

Dr. Füredi Balázs - senior lecturer

4.) The course based on the following precognitions:

Construction technology I-II.

5.) Following subject

Construction technology in practice II. (optional subject)

6.) Goals of the course

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

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.	Site planning	The plannings of the earthworks
5-6.	Earthworks-Earth moving machines	Timberings in the earthworks- The organisation of the machines
7-8.	Making of foundations- The main machines of the foundation	Foundation work
10-11.	The type of the cranes	Tower cranes, mobile cranes
12-13.	The organisation of the cranes 1.	Site planning 1.
14-15.	The organisation of the cranes 2.	Site planning 2.

Week	Seminar	Subject of seminar
3.	The plan of the buildings	The system of the planning
5.	Persons in the construction industry	Responsibilities, positions
7.	Visit to the site – Megyeri square	Semi-annual task, deadline week of 14th.
9.	Spring break	
10-11.	Visit to the site – Megyeri square	
12-14.	Visit to the site – Megyeri square, Oncological centre	
15.	Backup lesson, assessment Midsemester test	

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Dr.Balázs Füredi
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