# STUDY MODULE DESCRIPTION FORM

| Name of the module/subject | | Code |
|---|---|---|
| **Special technologies and construction site organization** | | **1010101161010107434** |
| Field of study | Profile of study (general academic, practical) | Year /Semester |
| **Civil Engineering First-cycle Studies** | **(brak)** | **3 / 6** |
| Elective path/specialty | Subject offered in: | Course (compulsory, elective) |
| **-** | **Polish** | **elective** |
| Cycle of study: | Form of study (full-time,part-time) | |
| **First-cycle studies** | **full-time** | |

| No. of hours | | | | No. of credits |
|---|---|---|---|---|
| Lecture: **30** | Classes: **15** | Laboratory: **-** | Project/seminars: **15** | **5** |

| Status of the course in the study program (Basic, major, other) | (university-wide, from another field) |
|---|---|
| **(brak)** | **(brak)** |

| Education areas and fields of science and art | ECTS distribution (number and %) |
|---|---|
| | |

**Responsible for subject / lecturer:**

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## Prerequisites in terms of knowledge, skills and social competencies:

| | | |
|---|---|---|
| 1 | **Knowledge** | The student has a basic knowledge of technology and building materials. |
| 2 | **Skills** | Able to obtain information from the literature and other sources. It can combine the information obtained. |
| 3 | **Social competencies** | The student should be aware of the consequences of their decisions. Understands the need for learning throughout their working lives. He understands the need for cooperation and teamwork. |

## Assumptions and objectives of the course:

Transfer of knowledge engineering technology works zero state, raw and finishing and suitability of construction materials at the stage of execution.

## Study outcomes and reference to the educational results for a field of study

### Knowledge:

1. Knowledge of technology works - [[K_W12, K_W14]]
2. Knowledge of selection of technologies and materials of construction works zero state, raw and finishing - [[K_W12, K_W14]]

### Skills:

1. The student can choose equipment for construction works - [[K_U20]]
2. The student can choose the technology and materials for the construction works - [[K_U20]] - [[K_U20]]

### Social competencies:

1. Able to work independently and collaborate as a team on the specific task - [[K_K01]]
2. He is responsible for the accuracy of the results of their work and their interpretation - [[K_K02]]
3. Isolated complements and extends knowledge of modern techniques and technologies - [[K_K03]]

## Assessment methods of study outcomes

Lectures:
- A written examination

Exercise:
- Test after exercise.

Projects:
- Commitment to and defense of the project

## Course description

Lectures:
1. Introduction and discussion of the principles of technology works
2. Technology earthmoving
3. Concrete and formwork
4. Erection of steel structures
5. Installation of prefabricated reinforced concrete structures
6. Bricklaying
7. Floors
8. Facades , stucco and dry construction
9. Industrial Floor
10. Roofs and flat roofs
11. Examination

## Basic bibliography:

1. Alma mater

## Additional bibliography:

## Result of average student's workload

| Activity | Time (working hours) |
|---|---|
| | |

## Student's workload

| Source of workload | hours | ECTS |
|---|---|---|
| Total workload | 60 | 5 |
| Contact hours | 45 | 4 |
| Practical activities | 15 | 1 |