POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)
pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name

Practice

Course

Field of study	Year/Semester
Environmental Engineering Extramural First	5/9
Area of study (specialization)	Profile of study
	general academic
Level of study	Course offered in
First-cycle studies	polish
Form of study	Requirements
part-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
Tutorials	Projects/seminars	
180		

Number of credit points

4

Lecturers

Responsible for the course/lecturer:

dr inż. Wojciech Góra

email: wojciech.gora@put.poznan.pl

tel.61 6475827

Faculty of Environmental Engineering and Energy

ul. Berdychowo 4, 61-131 Poznań

Responsible for the course/lecturer:

Prerequisites

1. Knowledge:

Relevant knowledge about environmental engineering, adequate to study field and level.

2. Skills:

Engineering skills adequate to study field and level.

3. Social competencies:

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Awareness of environmental engineer role, responsibilities and professional ethics, both during building process and in society.

Course objective

Practice in a company operating in the field of environmental engineering. Depending on the nature of the company:

- familiarization with technical and budget documentation and it's implementation on-site,

- exploring technical details concerning engineering practice, in particular with current production methods, measurement and control techniques, quality control (BIM, BAT)

- personal participation in production process,

- recognizing legal and economic aspects of business activity,

- familiarization with design process, building process, operation and management of technical installations.

Course-related learning outcomes

Knowledge

1. Knowledge about technical aspects of business acitivity in the area of environmentl engineering - [[K_W06]]

2. Knowledge about legal and economic aspects of business activity - [[K_W06]]

Skills

1. Working with technical documentation - [[K_U14]]

2. Planning production process, including health and safety concerns - [[K_U16]]

3. Organizing work and production process according to technical and legal requirements - [[K_U21]]

Social competences

1. Awareness of responsibility associated with the profession of an engineer - [[K_K05]]

2. Ability to formulate opinions about building and other technical processes, based on one's knowledge - [[K_K07]]

3. Recognizing and respecting ethical commitnents, serious attitude to public trust and obligations - [[K_K10]]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Obligatory practice journal (daily entry).

Written testimonial by the company that the practice took place (with relevant personal data and dates).

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Written references from the supervisor assigned by the company.

Presenting an oral report at a meeting with the teacher

Programme content

Student practice can take place in various companies working in environmental engineering (engineering team, design team, construction company, water distribution company, production faciity, laboratory, university). The scope of activity should be relevant to the study field.

Teaching methods

Bibliography

Basic

1. https://bis.put.poznan.pl/praktyki-obowiazkowe/

2. https://bis.put.poznan.pl/wp-content/uploads/2018/02/Reg_praktyk_stud_v5_2016_zal.pdf

3. https://cpk.put.poznan.pl/page/3/dla-studenta

Additional

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	2	0,5
Student's own work (implementation of the internship according to the planned schedule) [1]	98	3,5

[1] delete or add other activities as appropriate