COURSE DESCRIPTION CARD - SYLLABUS

Course name
specialist practice

Course

Field of study
Education in Technology and Informatics

Year/Semester
1/1

Area of study (specialization)

Profile of study
general academic

Level of study
Second-cycle studies

Course offered in

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

Number of credit points

2

Lecturers

Responsible for the course/lecturer:
Department of Material Engineering and Technical Physics

Piotrowo Street 3, 60-965 Poznań

Responsible for the course/lecturer:

Prerequisites

none

Course objective

A specialist practice is carried out in the second cycle of education in the fields of ETI and Technical Physics. The student has the knowledge resulting from the implementation of the study program. He has the ability to use the acquired knowledge creatively.

Course-related learning outcomes

Knowledge

The student has knowledge of the chosen subject of physics, mechanics, computer science and measurement systems. [K2_W04],[K2_W05],[K2_W09],[K2_W11]. The student knows engineering

technologies and development trends. [K2_W10], [K2_W08]. The student knows how to apply elements of science and technology. [K2_W01], [K2_W02], [K2_W03], [K2_W04], [K2_W07], [K2_W08], [K2_W10].

Skills

The student knows how to use numerical and experimental methods to solve engineering problems. [K2_U01], [K2_U14], [K2_U15], [K2_U17]. The student is able to arrange an algorithm, select a program and mathematical tools, and prepare engineering documentation. [K2_U01], [K2_U11], [K2_U12], [K2_U14], [K2_U20]. The student knows how to use technical devices and interpret the results. [K2_U14], [K2_U1], [K2_U18], [K2_U21].

Social competences

As a result of specialist practice, the student develops the practical part of the thesis. [K2_K04].During specialist practice, the student acquires the ability to work in a team and to think and act in an entrepreneurial manner. [K2_K02], [K2_K03].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Specialist internship is counted on the basis of a certificate signed by the promoter.

Programme content

The specialist internship program is established by the thesis supervisor

Teaching methods

none

Bibliography

Basic

none

Additional

none

Breakdown of average student's workload

	Hours	ECTS
Total workload	80	2,0
Classes requiring direct contact with the teacher	40	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]	80	2,0

[1] delete or add other activities as appropriate