



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Professional Internship [S1FT2>PraktZaw]

Course

Field of study

Technical Physics

Year/Semester

3/6

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

160

Tutorials

0

Projects/seminars

0

Number of credit points

6,00

Coordinators

dr Maciej Kamiński

maciej.kaminski@put.poznan.pl

Lecturers

Prerequisites

Knowledge of experimental physics. Ability to solve simple physical problems based on acquired knowledge. Knowledge of experimental physics. Ability to solve simple physics problems based on acquired knowledge. Understanding of the need to broaden skills and willingness to work in a team.

Course objective

To familiarize the student with the functioning and organization of work in companies and enterprises engaged in conventional and renewable energy, environmental engineering, medical physics and nanotechnology. To introduce students to the practical application of knowledge acquired in engineering activities in fields such as mechanics, electrical engineering, and computer science. To familiarize the student with computer-aided design as well as mechanical and electrical engineering services.

Course-related learning outcomes

Knowledge:

As a result of the course, the student will have knowledge in the following areas:

Possesses organized knowledge about physical phenomena within the scope of classical experimental physics

Skills:

As a result of the course, the student will acquire the following skills:

Gains a general orientation on the realities of workplace operations

Social competences:

As a result of the course, the student will develop the following social competences:

Develops teamwork skills and organizational behaviors (work discipline) as well as adherence to occupational safety and health, fire safety, and confidentiality rules applicable in the workplace

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Completion based on a set of documents signed by persons in accordance with the Regulations for the organization of student internships included in the study program at the Faculty of Material Engineering and Technical Physics.

Programme content

Implemented according to the program established with the supervisor at the internship site.

Course topics

Implemented according to the program established with the supervisor at the internship site.

Teaching methods

Execution of an individual internship program.

Bibliography

Basic:

1. Regulamin organizacji praktyk studenckich objętych programem studiów na Wydziale Inżynierii Materiałowej i Fizyki Technicznej Politechnik Poznańskiej.
2. Regulamin studiów stacjonarnych i niestacjonarnych pierwszego i drugiego stopnia uchwalony przez Senat Akademicki Politechniki Poznańskiej.

Additional:

Rozporządzenie Ministra Pracy i Polityki Socjalnej z dnia 26 września 1997 r. w sprawie ogólnych przepisów bezpieczeństwa i higieny pracy. Dz.U. 1997 nr 129 poz. 844 (tekst jednolity Dz.U. 2003 nr 169 poz. 1650).

Breakdown of average student's workload

	Hours	ECTS
Total workload	160	6,00
Classes requiring direct contact with the teacher	0	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	160	6,00