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
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 conducted classes, the student will have knowledge in the following areas:
1. Understands the non-technical conditions of engineering and production activities.
2. Knows basic concepts in the field of business economics and technology transfer.

Skills:
As a result of the conducted classes, the student will gain the following skills:
1. Is prepared to work in an industrial environment.
2. Has a general understanding of the realities of workplace operations.
3. Has the ability for self-learning.

Social Competencies:
As a result of the conducted classes, the student will acquire the following social competencies:
1. Develops skills in teamwork and organizational behavior (work discipline), adherence to health and safety (HSE) regulations, fire protection regulations, as well as professional and state confidentiality applicable in the workplace. The student is also aware of the necessity to continually improve their skills.

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