COURSE DESCRIPTION CARD - SYLLABUS

Course name
Internship [S1Eltech1>Prakt1]

Course

Field of study
Electrical Engineering

Year/Semester
2/4

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

4,00

Coordinators

Lecturers

Prerequisites

A student startingthissubjectshouldhavebasicknowledge, skills and socialcompetencesresulting from the implementation of the study program for the field of Electrical Engineering in the group of basic and major subjects.

Course objective

Gainingpracticalknowledge of issuesrelated to the field of study.

Course-related learning outcomes

Knowledge:
1. Has practicallyfoundedknowledge in the field of the education program for the field of electrical engineering, in particular in the group of major subjects.
2. Knows and understands the basiclaws of electrical engineering, properties of electriccircuitelements, hasdetailedknowledge of the theory of electriccircuits (for steady and transientstates), knows and understands the transmissionlinetheory.
3. He ordered the knowledge in the field of metrology and the characteristics and operation of modern measuringequipment.
4. Has ordered and theoreticallyfoundedknowledge of the construction, principles of operation and operation of transformers, electricalmachines and technicalsystems, knows the processestaking place in

their life cycle.
5. Has a basicknowledge of the management, creation, running and development of economicactivityrelated to the givenqualification.

Skills:
1. Can use the knowledge of the education program for the field of electrical engineering, in particular in the group of major subjects.
2. Can plan and organize work individually and in a team, knows how to estimate the time needed to complete the commissioned task; is able to develop and implement a work schedule that ensures meeting the deadline.
3. Can plan and carry out an experiment, including testing and diagnosing simple electrical systems and devices.
4. Applies the principles of occupational health and safety.
5. Can assess the usefulness of basic methods and tools for solving practical engineering tasks, typical for the field of electrical engineering, and can select and use appropriate methods and tools.
6. Can properly use electrical devices in accordance with general requirements and technical documentation.

Social competences:
1. Is aware of the need to initiate activities for the public interest, understands various aspects and effects of an electrical engineer"s activity, including the impact on the environment, and the related responsibility for decisions made.
2. Is aware of the importance of their own work and the need to follow the rules of professional ethics, is ready to submit to the rules of teamwork and to bear responsibility for jointly performed tasks, as well as to care for the achievements and traditions of the profession.
3. Can think and act in an entrepreneurial way in the field of electrical engineering.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Learning outcomes presented above are verified as follows:
An internship report certified by the internship tutor. An internship certificate issued by the host entity for the internship. A questionnaire describing the achieved learning outcomes.

Programme content

Training in occupational health and safety and fire regulations. Acquainting with the applicable work regulations and conditions for the protection of state and official secrets. Acquainting with the structure and functioning of the enterprise (institution). Implementation of an individual internship program. Preparation of a report on the course of internships.

Teaching methods

Teaching methods should be adapted to the individual internship program.

Bibliography

Basic
1. Regulamin organizacji praktyk studenckich objętych programem studiów na Wydziale Automatyki, Robotyki i Elektrotechniki.
2. Regulamin studiów stacjonarnych i niestacjonarnych pierwszego i drugiego stopnia uchwalony przez Senat Akademicki Politechniki Poznaoskiej.
Additional
1. Obwieszczenie Ministra Gospodarki, Pracy i Polityki Społecznej z dnia 28 sierpnia 2003 r. w sprawie ogłoszenia jednolitego tekstu rozporządzenia Ministra Pracy i Polityki Socjalnej w sprawie ogólnych przepisów bezpieczeostwa i higieny pracy. Dz.U. 2003 nr 169 poz. 1650.

Breakdown of average student's workload

	Hours	ECTS
Total workload	160	4,00
Classes requiring direct contact with the teacher	80	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	80	2,00