COURSE DESCRIPTION CARD - SYLLABUS

Course name
English

Course

Field of study
Electrical Engineering

Year/Semester
2/4

Area of study (specialization)
-

Profile of study
general academic

Level of study
First-cycle studies

Course offered in
English

Form of study
part-time

Requirements
compulsory

Number of hours

Lecture
0

Laboratory classes
0

Other (e.g. online)
0

Tutorials
40

Projects/seminars
0

Number of credit points

4

Lecturers

Responsible for the course/lecturer:
mgr inż. Krystyna Ciesielska

Responsible for the course/lecturer:

Prerequisites

Language competence compatible with level B1+(CERF). The ability to use vocabulary and grammatical structures required on the high school graduation exam regarding productive and receptive skills, and the vocabulary and concepts introduced during the 2nd and 3rd semester English courses. The ability to work individually and in a group. The ability to use various sources of information and reference works.

Course objective

To help the student achieve the ability to use general and field-specific language effectively, with respect to the following language skills: listening, reading, writing, speaking. To perfect the student's ability to use field-specific texts and to familiarize the student with basic translation techniques. To develop the student's ability to recognize and express cause-effect relationships.To foster the habit of logical thinking (analysis and synthesis of information).

Course-related learning outcomes

Knowledge

The student has acquired field-specific vocabulary related to the following issues: generation of electrical energy,energy sources, electrical machines, protective devices, new technologies.

Skills

The student is able to use English to provide definitions of terms, and explain phenomena and processes referred to in the programme; interpret source materials; talk on field-specific and general topics, using an appropriate linguistic and grammatical repertoire.

Social competences

The student is able to communicate effectively in general and field-specific areas, and communicate in English in public.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative assessment: regular assessment of in-class performance and home assignments, quizzes. Summative assessment: three 90 minute-long written quizzes featuring a battery of tests. Successful completion of home assignments and a 60% score on all of the quizzes are required to obtain a pass. Final written and oral exam.

Programme content

General topics: environmental protection, modern technologies. Field-specific topics: Renewable and non-renewable sources of energy. Energy harvesting. Electrical machines. Protective devices. Advances in electrical engineering. Grammatical structures.

Teaching methods

Classroom activities guided by the communicative approach.

Bibliography

Basic

Dubis, A. and Firganek, J. 2006. English through Electrical and Energy Engineering. Kraków: Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej.

Gajewska-Skrzypczak, I. and Sawicka, B. 2013. English for Electrical Engineering. Poznań: Publishing House of Poznan University of Technology

Additional

Brieger, N, and Pohl, A. 2002. Technical English Vocabulary and Grammar. Summertown Publishing.
Murphy, R. 2012. English Grammar in Use. Cambridge: Cambridge University Press. (all levels)

Pople, S. 1999. Complete Physics. Oxford: Oxford University Press.

Taylor, L. 1996. International Express. Oxford: Oxford University Press. (all levels)

Internet sources - howstuffworks, sciencedaily, BBC (technology, science), Wikipedia

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	40	2,0
Student's own work (literature studies, preparation for tutorials, preparation for tests and final exam, teamwork - small projects) [1]	60	3,0

[1] delete or add other activities as appropriate