POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

COURSE DESCRIPTION CARD - SYLLABUS

Course name
English [S1Energ1>JA2]

Course

Field of study	**Year/Semester**
Power Engineering	2/3
Area of study (specialization)	**Profile of study**
–	general academic
Level of study	**Course offered in**
first-cycle	polish
Form of study	**Requirements**
full-time	elective

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
0	0	0

Tutorials	Projects/seminars	
30	0	

Number of credit points

1,00

Coordinators	Lecturers
mgr Alicja Lamperska alicja.lamperska@put.poznan.pl	

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.The ability to work individually and in a group. The ability to use various sources of information and reference works. The ability to use general and specialist vocabulary acquired during the previous term English course.

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 advance the student"s language competence towards level B2 (CEFR). To improve the student"s ability to function effectively on the international job market and in everyday life.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: electromagnetic induction, transformer, generator, transmission and distribution of electricity, smart grid.

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.

Social competences:
the student is able to communicate effectively in the 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:

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Formative assessment: regular assessment of in-class performance and home assignments, quizzes.
Summative assessment: two 60-minute written quizzes featuring a battery of tests. Successful completion of home assignments and a 60% score on quizzes are required to obtain a pass.

Programme content

General topics: lifestyles,work, travellling, health, sports, communication, modern technologies. Field-specific topics: Electromagnetic induction. Transformer. Generator. Transmission of electrical energy. Smart grid. Grammatical structures compatible with level B2 (CERF) .

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.
Kubot, A. and Maćków, W. 2015. Mathematics and Graphs Vocabulary Practice for Academic English Studies. Poznan: Publishing House of Poznan University of Technology.
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	39	1,00
Classes requiring direct contact with the teacher	32	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	7	1,00