



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Foreign language

Course

Field of study

Electromobility

Area of study (specialization)

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Level of study

First-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

English

Requirements

compulsory

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

30

Number of credit points

3

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. 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, 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; also interpret data presented on graphs/diagrams, choosing the appropriate level of formality; 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:

Formative assessment: regular assessment of in-class performance and home assignments, quizzes.

Summative assessment: two 90 minute-long written quizzes featuring a battery of tests. Successful completion of home assignments and a 60% score on both quizzes are required to obtain a pass.

Programme content

Chart description. General topics: sport, social media, communication. Field-specific topics: Renewable and non-renewable sources of energy. (Distributed) Generation and transmission of electrical energy. Smart grid. Grammatical structures compatible with level B2 (CEFR). Difference between formal and informal language.

Teaching methods

Classroom activities guided by the communicative approach. Using multimedia. Text analysis.

Bibliography

Basic

Gajewska-Skrzypczak, I. and Sawicka, B. 2017. English for Electrical Engineering. 2nd ed. Poznań: Publishing House of Poznan University of Technology

System Perspectives on Electromobility Edition: 1.1 Publisher: Chalmers University of Technology; <http://www.chalmers.se/en/areas-of-advance/energy/cei/Pages/Systems-Perspectives.aspx> Editor: Björn Sandén ISBN: ISBN 978-91-980973-1-3 Available online

Additional

Bailey, S. 2011. Academic Writing: A handbook for international students. Routledge.

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

Grzegożek, M. and Starmach, I. 2004. English For Environmental Engineering. Kraków: Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej.



Hewings, M. 2012. Cambridge Academic English, Upper Intermediate. Cambridge University Press.

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)

Sarasini, S. 2014. Systems Perspectives on Renewable Power. Edition: 1.1. Publisher: Chalmers University of Technology. ISBN: 978-91-980974-0-5. Available online

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

Breakdown of average student's workload

	Hours	ECTS
Total workload	70	3,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for tutorials, preparation for tests, teamwork - small projects) ¹	40	2,0

¹ delete or add other activities as appropriate