COURSE DESCRIPTION CARD - SYLLABUS

Course name
Foreign language - English

Course

Field of study
Industrial and Renewable Energy
Area of study (specialization)

Level of study
Second-cycle studies
Form of study
part-time

Year/Semester
1/1
Profile of study
general academic
Course offered in
English
Requirements
compulsory

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials
18

Projects/seminars

Number of credit points

2

Lecturers

Responsible for the course/lecturer:
Alicja Lamperska

Responsible for the course/lecturer:

Prerequisites

Language competence compatible with level B2 (CEFR) ; knowledge of selected field-specific (energy) vocabulary; ability to use various sources of information. Readiness to follow group work rules and to work in a team.

Course objective

Advancing students language competence towards level B2+ (CEFR).

Improving the ability to understand field specific texts (familiarizing students with basic translation techniques).

Improving the ability to function effectively on the international market and in everyday life.

Course-related learning outcomes

Knowledge

Knows the rules of communicating in spoken and written English

Devlops field-specific vocabulary related to renewable energy sources and sustainable growth and conservation, smart and environmentally-friendly solutions - smart home, passive house, modern cars, energy storage technologies

Skills

Is able to communicate on general and technical topics with diverse audiences.

is able to write an email, an abstract of their diploma thesis, a summary of a scientific article.

Is able to obtain information from literature, databases and other properly selected sources in English.

Social competences

Is ready to critically assess his or her language skills.

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

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Regular assessment of in-class performance and home assignments : individual and/or group presentations, written tasks. One 60 minute-long written quiz featuring a battery of tests. Successful completion of assignments as above and a 60% score on the quiz are required to obtain a pass.

Programme content

Writing emails, abstracts and summaries, giving presentations. Topics: modern ways of generating electrical energy. Smart solutions: smart home, passive house, modern cars. Conventional and modern power plants - coal fired power stations, wind power, solar systems, hydropower, nuclear power plants. Smart solutions: smart home, passive house, modern vehicles. Environmental issues; climate change, sustainability, conservation, waste management, Energy storage technologies. Occupational Health and Safety. Current issues and developments in power engineering.

Teaching methods

Classroom activities guided by the communicative approach, using mulimedia

Bibliography

Basic

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

Additional

Esteras, S. R and Fabre, E. M. 2007. Professional English in Use for Computers and the Internet. ICT. Cambridge University Press.(PE)

Oshima, A. and Hogue, A. 2006. Writing Academic English. White Plains. Pearson Education Inc.(WAE)

Campbell, S. 2009. English for the Energy Industry Oxford: Oxford University Press.

Dummett, P. 2010. Energy English For the Gas and Electricity Industries. Andover: Heinle Cengage Learning.

Brieger, N. and Pohl, A. 2002. Technical English Vocabulary and Grammar. Oxford: Summertown Publishing Ltd.

Murphy, R. 2012. English Grammar in Use. Cambridge: Cambridge University Press.

Internet sources (howstuffworks, science daily, wikipedia)

Breakdown of average student's workload

	Hours	ECTS
Total workload	60	2,0
Classes requiring direct contact with the teacher	18	1,0
Student's own work (literature studies, preparation for tutorials, preparation for tests, presentation/project) [1]	42	1,0

[1] delete or add other activities as appropriate