COURSE DESCRIPTION CARD - SYLLABUS

Course name
English [S1MiBM2>JA2]

Course

Field of study
Mechanical Engineering

Year/Semester
2/3

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
full-time

Requirements
elective

Number of hours

Lecture
0

Laboratory classes
0

Other
0

Tutorials
60

Projects/seminars
0

Number of credit points

5,00

Coordinators

mgr Izabela Cichocka
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Lecturers

Prerequisites

Student should already have acquired language competence compatible with level B1 (CEFR). Student should also have the ability to use vocabulary and grammatical structures required on the high school graduation exam with regard to productive and receptive skills. Additionally, the student should be able to work individually and in a group and use various sources of information and reference works.

Course objective

Advancing students' language competence towards at least B2 level (CEFR). Development of the ability to use academic and field specific language effectively in both receptive and productive language skills. Improving the ability to understand field specific texts and to function effectively on an international market and in a daily basis situations.

Course-related learning outcomes

Knowledge:
1. The student is able to master technical vocabulary related to mechanisms, as well as be able to define and explain terms and processes related to them.
2. The student can master the technical vocabulary related to the engine, as well as be able to define

and explain terms, phenomena and processes related to it.
3. The student can master technical vocabulary related to joining methods, as well as be able to define and explain terms, phenomena and processes related to them.
4. The student is able to master technical vocabulary related to corrosion and other technical problems, as well as be able to define and explain terms, phenomena and processes related to them.

Skills:
1. The student can effectively give a presentation in English on a technical or popular science topic, and speak on general and technical topics using appropriate vocabulary and grammatical structures.
2. The student is able to express basic mathematical operations in English and interpret data presented in a diagram/graph
3. The student is able to formulate a text in English explaining/describing selected specialist issues.
4. The student is able to understand and analyze world literature in a given field of education.

Social competences:
As a result of the course, the student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in English. The student is also able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The knowledge acquired during classes is verified by at least three pre-announced tests per semester. Each test consists of questions (mutliple choice and open questions) with different points. Additionally, once a year, students prepare a presentation on a selected field ralated topic and receive points for class activity. Exam.

Programme content

Developing communication skills in academic, business and social situations. Improving language competence with particular emphasis on specialist vocabulary: related to engineering (engineer's work - division/characteristics, applying for a job - skills/professional experience), mechanics (mechanisms - characteristics of types of movement/types of mechanisms, electric motor - description of parts and their application /engine operation, connection methods, division/characteristics/advantages and disadvantages, corrosion - types of corrosion and their characteristics/corrosion prevention/types of alloys and the degree of their susceptibility to corrosion, technical problems heat/friction/shocks/pressure/vibrations) and charts (description diagram). Mastering grammatical structures consistent with the B2 level syllabus.

Course topics

Engineer's work - types/characteristics; mechanisms - types of movement and their characteristics; a four-stroke engine vs.a diesel engine - characteristics/similarities and differences; an electric motor - components and their functions/operation; methods of connection - types, their characteristics, advantages and disadvantages; corrosion - types/characteristics/preventing corrosion/types of alloys and their susceptibility to corrosion;; types of technical problems - heat/abrasion/shocks/pressure/vibration; describing graphs

Teaching methods

Vocabulary exercises, multimedia presentations, audiovisual materials, discussion of issues with examples on the blackboard, solving lexical and grammar exercises, integration and language games, discussion panels, pair/team work, individual student work (reading comprehension, listening comprehension).

Bibliography

Basic:
1. Glendinning, E.H. and Glendinning, N. 2008. Oxford English for Electrical and Mechanical Engineering. Oxford: Oxford University Press.

2. Ibbotson, M. 2009. Cambridge English for Engineering. Cambridge: Cambridge University Press.

Additional:
1. materiały pochodzące z Internetu
2. Evans, V. and Dooley, J. 2009. Enterprise Grammar 3. Newbury: Express Publishing.
3. Harding, K. and Taylor, L. 2005. International Express Intermediate. Oxford: Oxford University Press.
4. Williams, I. 2007. English for Science and Engineering. Boston: Thomson.

Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,00
Classes requiring direct contact with the teacher	62	2,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	63	2,50