



COURSE DESCRIPTION CARD - SYLLABUS

Course name

English [S1Mech1>JA2]

Course

Field of study
Mechatronics

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 (e.g. online)
0

Tutorials
60

Projects/seminars
0

Number of credit points

5,00

Coordinators

Lecturers

Prerequisites

The already acquired language competence compatible with level B1 (CEFR). The ability to use general and field specific vocabulary, and grammatical structures required on the first level of studies. The ability to work individually and in a group; the ability to use various sources of information and reference works.

Course objective

1. Advancing students' language competence towards the level at least B2 (CEFR). 2. Development of the ability to use field specific language effectively in both receptive and productive language skills. 3. Improving the ability to understand field specific texts. 4. Improving the ability to function effectively on an international market.

Course-related learning outcomes

Knowledge:

As a result of the course, the student ought to acquire field specific vocabulary related to the following issues:

1. Electronic materials
2. electronic components
3. Control systems
4. CAD

and to be able to define and explain associated terms, phenomena and processes.

Skills:

As a result of the course, the student is able to:

1. give a talk on field specific topic (in English), and discuss field specific issues using an appropriate linguistic and grammatical repertoire
2. describe a graph in English

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 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:

Learning outcomes presented above are verified as follows:

Knowledge acquired during the classes is verified by tests and a presentation. The test consists of several tasks (open and close), scored differently. Pass: 60% of points. Students prepare a short presentation

Summative assessment: final exam (both written and oral).

Programme content

1. Characteristic of the materials used in electronics
2. vocabulary related to main electronic components
3. characteristics of open-loop and closed-loop control systems
4. CAD

Course topics

none

Teaching methods

auditorium classes, guided text method; The teaching methods are based on the improvement of four basic language competences (listening, speaking, reading, writing) being the medium to expand the substantive knowledge in the field of technical topics.

Bibliography

Basic

Dubis, A. i FirganeK , J.2006 English through electrical and energy engineering. Kraków: SPNJO Politechniki Krakowskiej

Glendinning, E.i Glendinning, N. 1995, Oxford English for Electrical and mechanical engineering, Oxford; Oxford University Press

Glendinning, E i McEwan, J.1996 Oxford English for Electronics, Oxford: Oxford university Press

Hanf, B. 2000 Angielski w Technice, Stuttgart: LektorKlett

Internet based materials

Additional

Kubot, A. i Maćków,W. 2015. „Mathematics and graphs – vocabulary practice for academic English studies”.

Breakdown of average student's workload

	Hours	ECTS
Total workload	60	5,00
Classes requiring direct contact with the teacher	30	3,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	30	2,00