



COURSE DESCRIPTION CARD - SYLLABUS

Course name

English [S2Mech1E>JA]

Course

Field of study
Mechatronics

Year/Semester
2/3

Area of study (specialization)
Design and Control of Mechatronic Devices

Profile of study
general academic

Level of study
second-cycle

Course offered in
english

Form of study
full-time

Requirements
elective

Number of hours

Lecture
0

Laboratory classes
0

Other (e.g. online)
0

Tutorials
30

Projects/seminars
0

Number of credit points

2,00

Coordinators

Lecturers

Prerequisites

The already acquired language competence compatible with level B2 (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. Machining
2. Fluid Dynamics
3. Engines and Motors
4. Direct and Alternating Current

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. understand and analyze international, field specific literature.

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:

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Knowledge acquired during the classes is verified by one 45-minute test and a presentation. The test consists of several tasks (open and closed), scored differently. Pass: 60% of points. Students prepare a short presentation.

Programme content

Expanding general and technical vocabulary based on specialized texts; developing skills in understanding professional literature and expressing on topics including issues related to general language and mechatronics: machining, fluid dynamics, different type of engines and direct current and alternating current.

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

Ibbotson, M.2009 Professional EInghish in Use.Cambridge: Cambridge University Press

Additional

Internet based materials

Breakdown of average student's workload

	Hours	ECTS
Total workload	30	2,00
Classes requiring direct contact with the teacher	15	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	15	1,00