



COURSE DESCRIPTION CARD - SYLLABUS

Course name

German [S1Elmob1>JNiem3]

Course

Field of study

Electromobility

Year/Semester

2/4

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

4,00

Coordinators

mgr Maja Rakiewicz

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Lecturers

Prerequisites

Knowledge: The already acquired language competence compatible with level B1 (CEFR) Skills: The ability to use vocabulary and grammatical structures required on the high school graduation exam regarding productive and receptive skills Social competence: The ability to work individually and in a group; the ability to use various sources of information and reference works

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 improve the student's ability to function effectively in the academic environment and in everyday life. Advancing students' language competence towards at least level B2 (CEFR).

Course-related learning outcomes

Knowledge:

As a result of the course, the student:

1. knows and understands to an advanced degree terminology in the field of mathematics and selected issues in the field of engineering and technical sciences related to the field of study, also in a foreign

language

2. knows and understands the grammar and lexical rules of the German language and uses them effectively in various types of written and oral statements

Skills:

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

1 can use a foreign language to a sufficient extent to communicate, as well as to read and understand mathematical texts, technical documentation and similar documents

2 give a talk on a field specific or popular science topic (in German), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire

3 express basic mathematical formulas and to interpret data presented on graphs/diagrams

Social competences:

1 Student is able to critically assess the level of his knowledge in relation to research in exact and natural sciences as well as engineering and technical sciences

2 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:

Formative assessment: assessment during language classes: oral performance, written assignments, speech/presentation, quizzes

Summative assessment: credit, 60% score on quizzes are required to obtain a pass.

Final written and oral exam, level B2 (CERF)

Programme content

Renewable energy: solar panels, geothermal energy, wind energy, water turbine
Transformer, generator, electrical machines

Teaching methods

Classroom activities guided by the communicative approach. Multimedia. Text analysis. Brainstorming, Mind Mapps

Bibliography

Basic:

Steinmetz, M./ Dintera, H.: Deutsch für Ingenieure, Ein DaF Lehrwerk für Studierende ingenieurwissenschaftlicher Fächer, Springer Vieweg 2014

Additional:

1. Fearn, A./ Buhlmann, R.: Technisches Deutsch für Ausbildung und Beruf, Lehr- und Arbeitsbuch, Verlag Europa-Lehrmittel, Goethe Institut 2013

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
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)	38	1,50