



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

German [S1Elmob1>JNiem1]

### Course

Field of study  
Electromobility

Year/Semester  
1/2

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  
30

Projects/seminars  
0

### Number of credit points

3,00

### 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.

### 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,

To obtain a positive assessment the student is obliged to pass the material covered by the program with at least 50%.

### Programme content

Creating communicational skills in academic, business and social situations

Academical, offer, report and business e-mails writing

Developing language competence concerning first of all specialistic vocabulary

Understanding grammatical issues on the B2 level

### Course topics

Types of numbers, fraction, decimals

Mathematical operations, powers, roots, logarithms

Numbers systems

Mathematical terms and symbols

Basic concepts in geometrie, plane figures and solids

The role of functions in mathematics and technology

Types of sets

### 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	80	3,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	50	2,00