COURSE DESCRIPTION CARD - SYLLABUS

Course name
German [S1Eltech1>JNiem1]

Course

Field of study
Electrical Engineering

Year/Semester
1/2

Area of study (specialization)
–

Profile of study
practical

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

2,00

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 education, the student:

1. knows and understands at an advanced level the terminology in the field of mathematics and selected issues from

the area of engineering and technical sciences related to the field of study, also in a foreign language

2. knows and understands the grammatical 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 education, the student will be able to:

1. use a foreign language to a sufficient extent to communicate and read with

understanding mathematical texts, technical documentation and similar documents

2. express basic mathematical operations in German and interpret data

presented in a diagram/graph

3. give a presentation in German on a technical or popular science topic and

speak on technical topics using an appropriate range of vocabulary and grammatical

structures

Social competences:

As a result of the classes, the student will gain competences:

1. is ready to critically evaluate the level of his/her knowledge in relation to the research conducted in

the exact and natural sciences and engineering and technical sciences

2. is able to recognize and use/understand cultural differences in behavior and conversation

in business and private in German 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 assignements, speech/presentation, quizzes
Summative assessment: credit, 60% score on quizzes are required to obtain a pass
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Programme content

Creating comunicational skills in academic, business and social situations
Academical, offer, report and buisness 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
General issues
Grammar issues

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) Fearns, A./ Buhlmann, R.: Technisches Deutsch für Ausbildung und Beruf, Lehr- und Arbeitsbuch, Verlag Europa-Lehrmittel, Goethe Institut 2013
2) Kärchner-Ober, R.: Im Beruf neu Fachwortschatztrainer Technik, Hueber Verlag, München 2020
3) Nissen, K.: Grammatiktraining Deutsch für B2, telc gGmbH, Frankfurt am Main 2018

Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,00
Classes requiring direct contact with the teacher	40	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	10	0,00