COURSE DESCRIPTION CARD - SYLLABUS

Course name
German [N1Eltech1>JNiem1]

Course

Field of study
Electrical Engineering

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
part-time

Requirements
elective

Number of hours

Lecture
0

Laboratory classes
0

Other (e.g. online)
0

Tutorials
20

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 education, the student:

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

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

Skills:

As a result of training, the student will be able to:

1. use a foreign language sufficiently to communicate, as well as read with an understanding of mathematical texts, technical documentation and similar documents

2. express in German basic mathematical operations and interpret data presented on a diagram/chart

3. give a presentation in German on a technical or popular science topic and speak on technical issues using an appropriate range of vocabulary and grammatical structures

Social competencies:

As a result of the course, the student will acquire the following competencies:

1. is ready to critically assess the level of his/her knowledge with the conducted research in science and natural sciences and engineering sciences

2. can recognise and use/understand cultural differences in behaviour and business and private conversation in German and 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

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

Breakdown of average student's workload

	Hours	ECTS
Total workload	60	2,00
Classes requiring direct contact with the teacher	23	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	37	1,00