



COURSE DESCRIPTION CARD - SYLLABUS

Course name

German language 2 [N1MiBP1>JN2]

Course

Field of study

Mechanical and Automotive Engineering

Year/Semester

2/4

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

niemiecki

Form of study

part-time

Requirements

elective

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

40

Projects/seminars

0

Number of credit points

4,00

Coordinators

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Lecturers

Prerequisites

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

Course objective

Advancing students' language competence towards at least level B2 (CEFR). Development of the ability to use academic and field specific language effectively in both receptive and productive language skills. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques). Improving the ability to function effectively on an international market and on a daily basis.

Course-related learning outcomes

Knowledge:

Has extended basic knowledge necessary to understand specialist subjects and specialist knowledge about the construction, construction methods, manufacturing and operation of a selected group of working, transport, thermal and flow machines covered by the diploma path.

Has elementary knowledge of the life cycle of machinery, recycling of machine elements and construction and consumables.

Has elementary knowledge of the impact of machinery and technology on the natural environment and global energy balances.

Skills:

Can obtain information from literature, the Internet, databases and other sources. Can integrate the obtained information, interpret and draw conclusions from it, and create and justify opinions.

Can use the following languages: native and international to a degree enabling the understanding of technical texts and writing with the use of dictionaries of technical descriptions of machines in their technical field (knowledge of technical terminology).

Can use in verbal communication one additional foreign language at the B2 level of the European System for the Description of Languages Education.

Social competences:

Is ready to recognize the importance of knowledge in solving cognitive and practical problems and to consult experts in case of difficulties in solving the problem on its own.

Is ready to initiate actions for the public interest.

Is willing to think and act in an entrepreneurial manner.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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Formative assessment: tests during academic year (written and oral), presentations

Summative assessment: credit

Programme content

Types of transport

Mechanical engineering

Mechatronic systems

Fundamentals of electrical engineering

Course topics

Rail, road, sea, air and intermodal transport

Types of gears, characteristics and comparison, application and types of bearings - description and comparison, application

National and international standards

Components of machines

Construction, examples and application of mechatronic systems

Definition of basic electrical engineering concepts, reading of diagrams

Teaching methods

work with texts, discussion, team work, translation, films, individual written and oral deliverance, individual meetings with students, homework analysis, Moodle platform exercises.

Bibliography

Basic

Janiak, T./Neumann, G./aus der Mark, M.: Meine Logistik. Język niemiecki dla logistyków, Instytut Logistyki i Magazynowania, Poznań 2011

Steinmetz, M/Dintera H.: Deutsch für Ingenieure, Springer View, Wiesbaden 2014

Steinmetz, M/Dintera H.: Deutsch im Maschinenbau, Springer View, Wiesbaden 2021

Fearns, A./Buhlmann, R.: Technisches Deutsch für Ausbildung und Beruf, Verlag Europa-Lehrmittel, 2013

Additional

Jarosz, A., Jarosz, J.: Deutsch für Profis. Branża logistyczna

Jarosz, A., Jarosz, J.: Deutsch für Profis. Branża mechaniczna

Maenner, D.: Prüfungstraining telc Deutsch B1+ Beruf, Cornelsen Verlag, Berlin 2012

materialy online: DEUMA Deutsch im Maschinenbau, 2004

Becker, N.: Fachdeutsch Technik Metall- und Elektroberufe, Max Hueber Verlag. München 198

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
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)	60	2,00