



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

English [N1MiBM2>JA1]

### Course

Field of study

Mechanical 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

0

Tutorials

40

Projects/seminars

0

### Number of credit points

5,00

### Coordinators

### 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

1. The student ought to acquire field specific vocabulary related to branches of engineering and to be able to define and explain associated terms, phenomena and processes.
2. The student ought to acquire field specific vocabulary related to safety at work and to be able to define and explain associated terms, phenomena and processes.
3. The student ought to acquire field specific vocabulary related to engineering materials and to be able to

define and explain associated terms, phenomena and processes.

4. The student ought to acquire field specific vocabulary related to forces in engineering and to be able to define and explain associated terms, phenomena and processes.

#### Skills

1. The student is able to give a talk on field specific or popular science topic (in English), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire.

2. The student is able to express basic mathematical formulas and to interpret data presented on graphs/ diagrams.

3. The student is able to formulate a text in English where he/she explains/describes a selected field specific topic.

4. The student is able to understand and analyze international, field specific literature.

#### Social competences

1. The student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in English.

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:

Grades for tests (at least 2) and a presentation. Preparation for tutorials and active participation influence the final grade.

### Programme content

Reaching high degree of academic, business and social communication. Revising and extending vocabulary within the scope of: general engineering (branches of engineering-description, engineering materials-types/properties/uses, safety at work-safe procedures/safety instructions/warnings), mechanical engineering (forces-types/characteristics/the moment of a force), mathematics and graphs. Advancing students' grammar towards level B2.

### Course topics

Branches of engineering-description, engineering materials-types/properties/uses, safety at work-safe procedures/safety instructions/warnings), forces-types/characteristics/the moment of a force, mathematics and describing graphs

### Teaching methods

The teaching methods focus on the development of the four basic language skills (listening, speaking, reading, and writing), which are used to expand substantive knowledge in technical fields.

### Bibliography

Basic:

1. Glendinning, E.H. and Glendinning, N. 2008. Oxford English for Electrical and Mechanical Engineering. Oxford: Oxford University Press.

2. Ibbotson, M. 2009. Cambridge English for Engineering. Cambridge: Cambridge University Press.

Additional:

1. Internet based materials

2. Evans, V. and Dooley, J. 2009. Enterprise Grammar 3. Newbury: Express Publishing.

3. Grzegozek, M. and Starmach, I. 2004. English for Environmental Engineering. Kraków: Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej.

4. Hanf, B. 2001. Angielski w technice. Poznań: Wyd. LektorKlett.

5. Harding, K. and Taylor, L. 2005. International Express Intermediate. Oxford: Oxford University Press.

### Breakdown of average student's workload

	Hours	ECTS
Total workload	100	5,00
Classes requiring direct contact with the teacher	40	3,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	60	2,00