



COURSE DESCRIPTION CARD - SYLLABUS

Course name

ENGLISH COURSE [S1IMat1>JANG2]

Course

Field of study

Materials Engineering

Year/Semester

2/3

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

60

Projects/seminars

0

Number of credit points

6,00

Coordinators

dr Marta Strukowska

marta.strukowska@put.poznan.pl

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 with regard to productive and receptive skills Social competencies: The ability to work individually and in a group; the ability to use various sources of information and reference works.

Course objective

1. Advancing students' language competence towards at least level B2 (CEFR). 2. Development of the ability to use academic and field specific language effectively in both receptive and productive language skills. 3. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques). 4. Improving the ability to function effectively on an international market and on a daily basis.

Course-related learning outcomes

Knowledge:

as a result of the course, the student ought to acquire field specific vocabulary related to the following issues:

1. force, deformation and failure.

- 2 . defects in metals. nondestructive testing.
 3. technological processes in manufacturing and processing of materials.
 - 4 . innovative materials, nanotechnology.
- and to be able to define and explain associated terms, phenomena and processes.

Skills:

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,
express basic mathematical formulas and to interpret data presented on graphs/diagrams
formulate a text in english where he/she explains/ a selected field specific topic

Social competences:

as a result of the course, the student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in english.
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:

Learning outcomes presented above are verified as follows:

Formative assessment: evaluation of performance during classes (presentations, tests, MT test)

Summative assessment: final exam (written and oral)

Programme content

Reaching a high degree of academic, business and social communication.

Revising and extending specialist vocabulary related to technological processes in manufacturing and processing of materials (forming, working and heat-treating metals, machining, jointing techniques), forces, deformation, failure, diagnosing of defects in metals, nondestructive testing, innovative materials, nanotechnology.

Translation and analysis of field specific text.

Getting acquainted with the ways of writing compositions.

Course topics

- Forming, forging, and heat treatment of materials
- Material formats
- Machining
- Production processes
- Non-mechanical connections
- Forces, deformations, stresses
- Corrosion
- Non-destructive testing
- Innovations, nanotechnology
- Written statements on ESP topics
- Technical/scientific texts
- Giving presentations
- Student presentations
- Exam topics
- EAP - note-taking, summarizing
- EAP - punctuation, articles, abbreviations

Teaching methods

Exposing: Presentations

Problem: individual and team- work , participation in discussions.

Practical: formulating oral and written statements, preparing presentations, using the opportunities offered by the Internet.

Bibliography

Basic

1. Ibbotson, M. 2013. Professional English in Use Engineering. Cambridge: Cambridge University Press.

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

Additional

1. Dooley, J. / Evans.V. 2001, Grammarway 4. London: Express Publishing.

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

3. Grzegożek, 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: Wydawnictwo LektorKlett (Pons).

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

6. Bonamy, D. 2011. Technical English 4. Pearson Education Limited.

7. Internet sources

Breakdown of average student's workload

	Hours	ECTS
Total workload	120	6,00
Classes requiring direct contact with the teacher	60	3,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	60	3,00