



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Specialized English language [S2FT2>JAS]

Course

Field of study

Technical Physics

Year/Semester

1/2

Area of study (specialization)

–

Profile of study

general academic

Level of study

second-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 Karol Matysiak

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Lecturers

Prerequisites

Language competence corresponding to the CEFR B2 level. Mastered grammatical structures and general vocabulary required for the first-cycle foreign language exam in the range of productive and receptive skills. Ability to work independently and in a team; ability to use various sources of information

Course objective

1. Bringing the language competence of students to the minimum CEFR B2+ level. 2. Developing the ability to use effectively general academic and specialist language appropriate for a given field of study within the scope of four language skills. 3. Improving the ability to work with a technical text. 4. Improving the ability to function on the international labour market and in everyday life.

Course-related learning outcomes

Knowledge:

As a result of teaching, the student should master the technical vocabulary related to the following topics: Planning a career in engineering, application for research funding, communication in scientific communities, attending conferences, writing a critical review, designing an experiment, material 2 properties, process description, abstracts.

Skills:

As a result of teaching, the student should effectively: deliver a presentation in English on a technical or popular science topic conduct business correspondence in English understand and analyze world literature in a given field of education

Social competences:

As a result of teaching, the student should communicate effectively in English in a professional environment and in typical everyday situations, and should have the ability to speak in public. The student is able to recognize and use / understand cultural differences in behaviour and a business and private conversation in English, and in a different cultural environment.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Continuous assessment during the semester - partial grades as the basis for a semester credit with a grade. Tests of knowledge acquired during the tutorials. Assessment of homework. Assessment of a presentation, multiple choice tests, matching/gap filling/True False/. Project.

<90-100> 5.0

<80-90) 4.5

<70-80) 4.0

<60-70) 3.5

<50-60) 3.0

<0-50) 2.0

5 Very good - excellent knowledge, skills and competences 4.5 Good plus - very

good knowledge, skills and competences 4 Good - good knowledge, skills and competences 3.5

Sufficient plus - satisfactory knowledge, skills, competences, but with significant shortcomings 3

Sufficient - satisfactory knowledge, skills, competences, with numerous errors 2 Insufficient -

unsatisfactory knowledge, skills and competences

Programme content

During the course of teaching the following curriculum content will be presented: Getting started in scientific research; Scientific community; Finding a direction for scientific research; Doing a scientific experiment; Presenting research results; Participating in a scientific conference; Academic writing; CAE, IELTS - materials.

Course topics

History of Engineering,; Traits of an Engineer; An Engineer's Education; Presenting Information; Materials and Properties; Industrial Engineering; Software Engineering; Electricity; SI System of Units; Computer Engineering; Materials Engineering; Nuclear Engineering; E-mailing in the Academic Context; Writing in Paragraphs; Features of Academic English; Language Mechanics; CAE/IELTS materials

Teaching methods

Group work Pair work Individual presentations Audiovisual method Student's own work Consultation during the teacher's office hours

Bibliography

Basic:

Lloyd, Charles, James Frazier. 2021. Engineering. Newbury: Express Publishing.

Additional:

MacCarthy, Michael, Felicity O'Dell.2016. Academic Vocabulary in Use. Cambridge: Cambridge University Press.

Kenny, Nick, Jacky Newbrook. 2014. Cambridge English Advanced Practice Tests Plus 2. Essex: Pearson. 2015. Cambridge English IELTS 8. Cambridge: Cambridge University Press.

Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	20	1,00