COURSE DESCRIPTION CARD - SYLLABUS

Course name
English [S1FT2>JANG1]

Course

Field of study
Technical Physics

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

4,00

Coordinators

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Lecturers

Prerequisites

Language competence corresponding to the CEFR B1 level. Mastered grammatical structures and general vocabulary required in the basic level secondary-school leaving exam in a foreign language in terms 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 is acquainted with vocabulary spanning the following areas:
1. Elements of mathematics: mathematical symbols, geometry, trigonometry
2. Innovations, laser technology, mechanical and electrical properties

3. Control systems, networks, cyberinfrastructure, sensors, industry 4.0
4. Electricity, magnetism
5. Universe, star formation, black holes

Skills:
As a result of teaching, the student is able to effectively:
1. make a presentation in English on a technical or popular science topic and express opinions on general and technical topics using appropriate vocabulary and grammatical structures
2. express basic mathematical operations in English and interpret data presented in the diagram / graph,
3. describe a diagram / graph

Social competences:
As a result of teaching, the student is able to effectively:
1. communicate in English in a professional environment and in typical everyday situations and has the ability to speak in public
2. recognize and 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 (general English, ESP), multiple choice tests, matching/gap filling/True False/ - grammar, lexis, definitions.
<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

none

Course topics

none

Teaching methods

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

Bibliography

Basic:
Bonamy, David. 2022. Technical English 4 second edition. Essex: Pearson

Additional:

Małecka, Zuzanna. 2017. Physics Not Only for Physicists. Kraków: Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej
Thomson, A.J, A.V. Martinet. 2001. A Practical English Grammar. Oxford: Oxford University Press.
Murphy, Raymond. 2012. English Grammar in Use. Cambridge: Cambridge University Press.
Kenny, Nick, Lucrecia Luque-Mortimer. 2014. Cambridge English First Practice Tests Plus 2. Essex: Pearson.
Kucharska-Raczunas, Anna, Jolanta Maciejewska. 2010. English for Mathematics for Students of Technical Studies. Gdańsk: Wydawnictwo Politechniki Gdańskiej.
Beglar, David, Neil Murray. 2009. Academic Listening and Note-Taking Skills. New York: Pearson Longman.

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
Classes requiring direct contact with the teacher	60	2,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	40	1,50