COURSE DESCRIPTION CARD - SYLLABUS

Course name
English language [S1ETI1>JANG1]

Course

Field of study
Education in Technology and Informatics

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 (e.g. online)
0

Tutorials
60

Projects/seminars
0

Number of credit points

2,00

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 at 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

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:
1rescue systems – incident reports, specification charts, operating manuals
2processes – plastics applications, prediction report, process description
3events – technical news feature in spacecraft and aerospace

4careers – cv covering letter, technical journal, job interview
and to be able to define and explain associated terms, phenomena and processes

Skills:
1give 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
2express basic mathematical formulas and to interpret data presented on graphs/diagrams
3use grammar structures compatible with level b2 (cefr) syllabus
4 talk about general and technical issues applying appropriate lexical and grammar structures, compatible with level b2 (cefr)

Social competences:
1as a result of the course, the student is able to communicate effectively in a field of it and its development, and to give a successful presentation in english.
2the student is able to recognize and understand mechanisms connected with working in a computer engineering field , understands 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:placement test, regular tests, presentation,
• Summative assessment: credit

Programme content

Developing communication skills in academic, business and social situations. Improving language skills with particualr emphasis on specialist vocabulary in the fields of technology, engineering and IT. Students implement the program on the basis of selected chapters from the primary and complementary literature, and based on Internet sources; they also do vocabulary and grammar tasks.
Mathematics (Basic mathematical operations, algebra, geometry, formulas and equations)
Charts (chart types) – developing the ability to interpret and describe
Systems
Processes
Significant events - discoveries, innovations
Career in engineering

Course topics

• vocabulary for numbers and shapes, mathematical symbols, calculations, algebra, geometry;
• understanding and describing line graphs
• air-sea rescue operations, safety equipment and telecommunications
• news report about an air-sea rescue, and safety devices and their deployment during specific events
• incident report, and completion of an incident report form
• workings of an emergency beacon in a rescue situation
• discussion about a rescue operation
• description of an international search-and-rescue system
• saying figures and measurements in specifications
• specifications of an emergency beacon and satellite system
• workings of the Cospas-Sarsat system
• free-floating emergency beacon: diagram, vocabulary, operation, operating manual
• operating manual for a device of students' choice
• vocabulary for plastics applications and
• degrees of certainty and probability in a report on plastic composites in the design of cars, planes and buildings;
• making predictions about the future expressing certainty,
probability and possibility
• description and diagram of the process of injection moulding of plastic
• describing the metal-rolling process and

• using the passive form
• plastics used to make different pieces of sports equipment
• extrusion and blow moulding processes
• writing an explanation of a process using a diagram and notes, sequencing the passive voice
• news report about a rocket launch
• the launch abort system (LAS)
• parts of a spacecraft and their functions
• the workings of the ejection seat system
• engineers' professional online profiles
• an engineer's job and career; career ladder vocabulary
• preparing job candidate's information for a potential employer
• writing a CV using work-related vocabulary
• the operation and parts of a gene-gun
• a job interview – what to do and what to avoid
• employment vocabulary and phrases
• Artificial Intelligence and Robots
• The Seven Habits of Highly Effective People (by Stephen Covey)

Teaching methods

1. Multimedia presentation, talking about issues illustrated by examples presented on the board, lexical and grammar exercises
2. Group/pair discussions, team work, integrative language games
3. Student's own work, comprehensive reading and comprehensive listening

Bibliography

Primary
Grzegożek, M/Starmach, I.2004. English For Environmental Engineering, Wyd. PK
Hanf, B. 2000. Angielski w technice, LektorKlett Kubot,A/Maćków,W. 2015 PUT
Harding,K./ Taylor,L. 1996. International Express New Edition, all levels, Oxford: OUP
Bonamy,D. 2022.Technical English 3, Pearson
Complementary
Watson, D., & Williams, H. (2019). Cambridge International AS and A level Computer Science. Hodder Education Group.
Brown, G., & Sargent, B. (2021). Cambridge International AS and A level Information Technology. Hodder Education Group.
Murphy, R.1994. English Grammar in Use, Cambridge, cUP (intermediate, advanced)
Mascull,B. 2005. Business Vocabulary In Use, Cambridge: CUP
Esteras, S.R. Fabre, E,M. 2007. Professional English in Use. ICT for Computer and the Internet, Cambridge CUP

Breakdown of average student's workload

	Hours	ECTS
Total workload	95	3,00
Classes requiring direct contact with the teacher	62	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	80	3,00