POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name
English

Course	
Field of study	Year/Semester
Aviation and cosmonautics	1/1
Area of study (specialization)	Profile of study
	general academic
Level of study	Course offered in
Second-cycle studies	polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
Tutorials	Projects/seminars	
30		

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

mgr Kinga Komorowska

Centrum Języków i Komunikacji

u. Piotrowo 3a

60-965 Poznań

tel. 616652613

kinga.komorowska@put.poznan.pl

Responsible for the course/lecturer:

dr Eliza Ciałkowska-Günther

Centrum Języków i Komunikacji

u. Piotrowo 3a

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tel. 616652613

eliza.cialkowska-gunther@put.poznan.pl

Prerequisites

Knowledge: has a structured, theoretically founded general knowledge covering key issues in the field of on-board equipment, as well as on-board and ground electronic communication systems, has detailed knowledge related to selected issues in the field of construction of aircraft propulsion systems and the design of their components.

Skills: Is able to use a native and international language to a degree enabling the understanding of technical texts and writing technical descriptions of machines in the field of aviation and astronautics using dictionaries (knowledge of technical terminology).

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Social competences: is aware of the social role of a technical university graduate, and especially understands the need to formulate and convey to the society, in particular through the mass media, information and opinions on technological achievements and other aspects of engineering activities; makes efforts to provide such information and opinions in a commonly understandable manner.

Course objective

1. Bringing students' language competences to the B2 + level.

2. Improving the ability to use effectively a general academic language and a 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 (familiarizing students with the basic translation techniques).

4. Improving the ability to function on the international labor market and in everyday life.

Course-related learning outcomes

Knowledge

1. has extended knowledge necessary to understand the profile subjects and specialist knowledge about the construction, methods of construction, production, operation, air traffic management, safety systems, impact on the economy, society and the environment in the field of aviation and cosmonautics for selected specialties: Civil Aviation, Unnamed Aerial Vehicle

Skills

1. is able to use the following languages: native and international to a degree enabling the understanding of technical texts and writing technical descriptions of machines in the field of aviation and aerospace using dictionaries (knowledge of technical terminology)

2. is able to communicate using various techniques in the professional environment and other environments using the formal notation of construction, technical drawing, concepts and definitions of the scope of the study field

3. has the ability to self-educate with the use of modern teaching tools, such as remote lectures, websites and databases, teaching programs, e-books

4. can obtain information from literature, the Internet, databases and other sources. Can integrate the obtained information, interpret and draw conclusions from it, and create and justify opinions

Social competences

1. understands the need for lifelong learning; can inspire and organize the learning process of other people

2. Is ready to critically evaluate the knowledge and content received, recognize the importance of knowledge in solving cognitive and practical problems, and consult experts in case of difficulties in solving the problem on its own

3. has the competencies necessary to interact with other English speakers

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Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative assessment: current assessment during classes (presentations, tests, tests)

Summative assessment: pass

Programme content

Improving language competences with particular emphasis on general academic vocabulary with globalization, education, medicine (access to free medical care) and risk in life.

Teaching methods

The exercise method (subject exercises, practice exercises) - in the form of auditorium exercises (application of the acquired knowledge in practice - may take various forms: solving cognitive tasks or training psychomotor skills; transforming a conscious activity into a habit through repetition)

Bibliography

Basic

Sowton Chris, Unlock 4, Reading and writing skills. 2014. Cambridge University

Additional

Breakdown of average student's workload

	Hours	ECTS
Total workload	60	2,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for tutorials, preparation for tests/exam, [1]	30	1,0

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[1] delete or add other activities as appropriate