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
Communication 1

Course

Field of study	Year/Semester
Aviation	1/2
Area of study (specialization)	Profile of study
	general academic
Level of study	Course offered in
First-cycle studies	polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
15		
Tutorials	Projects/seminars	

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

Adam Szmytkowski

Wydział Inżynierii Środowiska i Energetyki

email: adam.szmytkowski@put.poznan.pl

Responsible for the course/lecturer:

dr hab. inż. Agnieszka Wróblewska, prof.PP

Wydział Inżynierii Środowiska i Energetyki

email: agnieszka.wroblewska@put.poznan.pl

tel. 61 665 2201

Prerequisites

The student starting this subject should have a basic knowledge of the basics of computer science and communication systems. He should also have the ability to apply the scientific method in solving problems and be ready to cooperate within a team.

Course objective

Familiarizing the student with the technical capabilities of communication equipment and communication systems, and applicable labor regulations for technical means of communication.

Course-related learning outcomes

Knowledge

1. has basic knowledge of the vocabulary used in English to describe mathematical operations and the data presented in the diagram / graph. Has knowledge of formulating a text in English explaining /

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describing a selected specialist issue, has basic knowledge of the vocabulary used in English to describe the technological support of air communication, flight control systems, safety procedures at the airport related to the presence of animals, aircraft control surfaces, maneuvers performed by plane

2. has a basic knowledge of the mechanisms and laws governing human behavior and psyche

Skills

1. is able to properly use information and communication techniques, applicable at various stages of the implementation of aviation projects

2. is able to organize, cooperate and work in a group, assuming various roles in it, and is able to properly define priorities for the implementation of a task set by himself or others

Social competences

1. understands that in technology, knowledge and skills very quickly become obsolete

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture:

- assessment of knowledge and skills demonstrated on the written test - 1.5 hour

Programme content

Lecture:

Meanings and significance of associated terms. Air traffic services abbreviations, Q-code groups. Categories of messages, transmission of letters, numbers, time. Transmission technique, standard words and phrases. Radiotelephony call signs for aeronautical stations and aircraft. Test procedures including readability scale. Relevant weather information terms. Communication failure, distress and urgency procedures.

Teaching methods

1. Lecture: multimedia presentation, illustrated with examples given on the board.

Bibliography

Basic

1. "Communication" (JAR Ref 090). JAA ATP1 Training. Germany 2004

2.„Procedury służb Żeglugi powietrznej Zarządzanie Ruchem Lotniczym (PL-4444)"

Additional

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Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,0
Classes requiring direct contact with the teacher	15	0,5
Student's own work (literature studies, preparation for written tests)[1]	10	0,5

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[1] delete or add other activities as appropriate