COURSE DESCRIPTION CARD - SYLLABUS

Course name
Communication 1 [S1Lot2>Łącz1]

Course

Field of study
Aviation

Year/Semester
1/2

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
15

Laboratory classes
0

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

1,00

Coordinators

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Lecturers

Prerequisites

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

Course objective

FFamiliarizing the student with the technical capabilities of communication equipment and communication systems and the applicable regulations regarding work using technical means of communication.

Course-related learning outcomes

Knowledge:
1. has basic knowledge of vocabulary used in English to describe mathematical operations and data presented in a diagram/graph. Has knowledge of
formulating a text in English explaining/describing a selected specialist issue,
has basic knowledge of vocabulary used in English to describe
technological support for air communication, flight control systems, airport safety procedures
related to the presence of animals, aircraft control surfaces, aircraft maneuvers

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

Skills:
1. is able to use information and communication techniques appropriately, which are applied 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 appropriately define priorities for the implementation of a task specified by himself or others.

Social competences:
1. understands that in technology knowledge and skills become obsolete very quickly.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: - assessment of knowledge and skills demonstrated in the written test - 1.5 hours

Programme content

Definitions and meaning of the terminology used. Abbreviations used by air traffic services, Q code abbreviations. Message categories, transmission of letters, numbers, time. Transmission technique, standard words and phrases. Call signs of aeronautical stations and aircraft. Communication check procedures. Terms related to weather information. Communication failures, procedures in dangerous and urgent situations.

Course topics

Definitions and meaning of the terminology used. Abbreviations used by air traffic services, Q code abbreviations. Message categories, transmission of letters, numbers, time. Transmission technique, standard words and phrases. Call signs of aeronautical stations and aircraft. Communication check procedures. Terms related to weather information. Communication failures, procedures in dangerous and urgent situations.

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

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

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,00
Classes requiring direct contact with the teacher	15	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	10	0,50