



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Communication

Course

Field of study

Aviation and astronautics

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

Tutorials

Projects/seminars

Other (e.g. online)

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

mgr pil. Tomasz Zdziarski

Responsible for the course/lecturer:

Wydział Inżynierii Środowiska i Energetyki

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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 ordered, theoretically founded general knowledge covering key issues in the field of on-board equipment, as well as on-board and ground electronic communication systems

Skills

1. is able to obtain information from literature, the Internet, databases and other sources. Is able to integrate the information obtained, interpret and draw conclusions from them as well as create and justify opinions

2. knows how to use verbal communication with one additional foreign language at the everyday language level, can in this language describe the issues of the field of study being studied, is able to prepare technical descriptive and drawing documentation of an engineering, transport and / or logistics task

Social competences

1. understands the need for lifelong learning; can inspire and organize the learning process of others
2. can interact and work in a group, taking on different roles in it
3. is able to properly set priorities for the implementation of the task specified by him or others

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

Breakdown of average student's workload

	Hours	ECTS
Total workload	74	2,0
Classes requiring direct contact with the teacher	32	0,8
Student's own work (literature studies, preparation for written tests) ¹	42	1,2

¹ delete or add other activities as appropriate