POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Aviation organization [S2LiK1>OL]

Course

Field of study
Aerospace Engineering

Year/Semester
1/1

Area of study (specialization)
Unmanned Aerial Vehicles

Profile of study
general academic

Level of study
second-cycle

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
15

Laboratory classes
0

Other (e.g. online)
0

Tutorials
0

Projects/seminars
0

Number of credit points

2,00

Coordinators

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Lecturers

Prerequisites

Knowledge: The student has a basic knowledge of air transport, knowledge about the management and organization of transport processes Skills: The student is able to associate and integrate the obtained information, analyze the phenomena occurring in the environment, draw conclusions, formulate and justify opinions Social competences: The student is able to independently search for information in the literature and knows the rules of discussion; ability to formulate a research problem and search for its solution, independence in problem-solving, ability to cooperate in a group

Course objective

Acquainting students with the knowledge of aviation organizations

Course-related learning outcomes

Knowledge:
1. has basic knowledge of aviation organizations and the applicable Polish and European aviation law

2. has basic knowledge of aircraft movement in the air and air traffic services

Skills:
1. has the ability to self-educate with the use of modern teaching tools, such as remote lectures, websites and databases, teaching programs, e-books
2. 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 able to interact and work in a group, assuming various roles in it

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Learning outcomes presented above are verified as follows:
Lecture: written or oral exam on the content of the classes

Programme content

The classes cover the following topics:
1. Overview of government organizations in civil aviation.
2. Overview of non-governmental organizations in civil aviation.
3. Presentation of the scope of activity of each organization at both the international, European and national levels.

Course topics

The lecture program includes the following content:

1. International Civil Aviation Organization, ICAO
2. European Civil Aviation Conference, ECAC
3. European Organisation for the Safety of Air Navigation, EUROCONTROL
4. Federation Aeronautique Internationale, FAI
5. European Union Aviation Safety Agency, EASA
6. Organizations of airlines (IATA, A4A, A4E etc.)
7. Organizations of flight crews (IFALPA, AOPA, IFATCA etc.)

Teaching methods

Informative (conventional) lecture (providing information in a structured way) - may be of a course (introductory) or monographic (specialist) character

Bibliography

Basic
1. ICAO Annexes
2. The Aviation Law Act
3. Żylicz. M. International Aviation Law, Lexis, Warsaw 2011
4. Compa.M. Airspace capacity. WLOP Dęblin 2009
Additional
1. Air traffic management in the Polish airspace, WLOP, Warsaw 2002.
2. Training materials, internal of the Polish Air Navigation Services Agency

Breakdown of average student's workload

	Hours	ECTS
Total workload	30	2,00
Classes requiring direct contact with the teacher	20	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	10	0,00