



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Basics of civil aviation [S1Lot1>PLC]

### Course

Field of study

Aviation

Year/Semester

1/1

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

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

15

Projects/seminars

0

### Number of credit points

3,00

### 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, the ability to solve research problems using scientific methods, the ability to find cause-and-effect relationships based on the acquired knowledge. **Social competences:** the ability to precisely formulate questions; the ability to define priorities important in solving the tasks set for him; the ability to formulate a research problem and search for its solution, independence in problem-solving, the ability to work in a group, the ability to search for information in literature

### Course objective

Getting to know the specificity of the functioning of air transport. Presentation of the structure of aviation authorities in the world, in Europe and in Poland. Overview of major aviation organizations, their responsibilities and tasks. Overview of the Aviation Law. Presentation of the transport policy in the field of air transport. Legal aspects of the operations of airlines (handling services, airlines, airports)

## Course-related learning outcomes

### Knowledge:

1. has basic knowledge of aviation law, organizations operating in civil aviation and knows the basic principles of state aviation functioning, has basic knowledge of key issues in the functioning of civil aviation [L1\_W24]

### Skills:

1. is able to obtain information from various sources, including literature and databases, both in Polish and in English, integrate them properly, interpret and critically evaluate them, draw conclusions and exhaustively justify their opinions [L\_U01]
2. can properly use information and communication techniques, applicable at various stages of the implementation of aviation projects [L\_U02]
3. is able to see legal aspects in the process of formulating and solving tasks in air transport, in particular to use the aspects of European and national aviation law [L\_U05]

### Social competences:

1. can think and act in an entrepreneurial way, incl. finding commercial applications for the created system, bearing in mind not only the business benefits, but also the social benefits of the activity [K\_U03]

## 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 developed during the classes

Classes: final test

## Programme content

1. The International Civil Aviation Organization ICAO and other aviation organizations (Eurocontrol, EASA, PANSO, CAA). Conventions organizing air navigation. Historical conditions of aviation law and the structure of its functioning.
2. The European Union in the aspect of civil aviation (European institutions, rules of market regulation in the EU)
3. International civil aviation organizations and institutions (ICAO, IATA, EASA, EUROCONTROL)
4. Organization and management of military aviation in Poland
5. Aviation regulations and transport policy (Aviation Law, ICAO Convention and its annexes, JAR-OPS regulations)
6. Airlines (operating principles, alliances), postal and cargo transport, general and recreational aviation
7. Legal aspects of the national civil aviation security program
8. Operation of aircraft (ICAO Annex 6). International coverage of commercial and general aviation (airplanes) and helicopter operations)
9. Personnel licensing (ICAO Annex 1). Overview of basic aviation licenses, requirements for becoming candidates, classes of medical certificates. Licensing of ground personnel (Controllers, Informants, Mechanics).
10. Nationality and registration marks (ICAO Annex 7), Airworthiness of aircraft (ICAO Annex 8) and Facilitations (ICAO Annex 9)

The content to be implemented as part of the tutorials:

1. Introduction to the subject of Aviation Law
2. Analysis of the basic legal sources of Aviation Law
3. Case study on the investigation of air accidents
4. Division of the air space
5. Principles of calculating airspace charges
6. Case study on compensation in civil aviation

## Course topics

The lecture program covers the following topics:

1. Conventions in civil aviation, technical freedoms,

2. Europeanization of aviation law
3. Division of airspace.
4. Air traffic regulations
5. Air traffic services
6. Government aviation organizations
7. Non-governmental aviation organizations
8. Commercial aviation
9. Licensing of aviation personnel
10. Nationality and registration marks

The training program covers the following topics:

1. Introduction to the subject of Aviation Law
2. Analysis of the basic legal sources of Aviation Law
3. Case study on air accident investigation
4. Airspace division - creating a flight profile
5. Rules for calculating airspace fees
6. Case study on compensation in civil aviation

### Teaching methods

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

Didactic games (according to certain rules: simulation (recreating complex problem situations), decision-making (making decisions as a sequential process))

### Bibliography

Basic

1. Ustawa z dnia 3 lipca 2002 r. Prawo lotnicze (Dz.U. z 2020 r. poz. 1970)
2. Konwencja o międzynarodowym lotnictwie cywilnym, podpisana w Chicago dnia 7 grudnia 1944 r. - Konwencja chicagowska (Dz. U z 1959 r. Nr 35, poz. 212, z późn. zm) wraz z załącznikami
3. Doc 4444 - Zarządzanie ruchem lotniczym
4. Doc 7030/4 - Regionalne Procedury Uzupełniające dla Regionu Europy
3. Żylicz. M .Międzynarodowe prawo lotnicze , Lexis, Warszawa 2011
4. Compa.M . Przepustowość przestrzeni powietrznej. WLOP Dęblin 2009

Additional

1. Zarządzanie ruchem lotniczym w przestrzeni powietrznej RP, WLOP, Warszawa 2002.
2. Materiały szkoleniowe, wewnętrzne Polskiej Agencji Żeglugi Powietrznej

### Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,00
Classes requiring direct contact with the teacher	45	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	30	1,00