



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Aviation Organizations

Course

Field of study

Aerospace Engineering

Area of study (specialization)

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1/2

Profile of study

practical

Course offered in

polish

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

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Responsible for the course/lecturer:

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Prerequisites

Knowledge: The student has a basic knowledge of air transport and elements of aviation law and organization of transport processes.

Skills: The student has the ability to select appropriate literature sources, solve research problems using scientific methods and the ability to find cause-and-effect relationships based on their knowledge.

Social competences: The student has the ability to precisely formulate questions; the ability to define important priorities in solving the tasks set for him; ability to formulate a research problem and search for its solution, independence in problem-solving, ability to cooperate in a group.



Course objective

Getting to know the specificity of the functioning of air transport. Presentation of the structure of aviation authorities in the world, Europe and Poland. Overview of major aviation organizations, their responsibilities and tasks. Overview of the Aviation Law and its place in the hierarchy of European and global regulations.

Course-related learning outcomes

Knowledge

has basic knowledge of aviation organizations and the applicable Polish and European aviation law

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

Skills

has the ability to self-educate with the use of modern teaching tools, such as remote lectures, websites and databases, teaching programs, e-books

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

understands the need for lifelong learning; can inspire and organize the learning process of other people

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:

Assessment of knowledge and skills on a written or oral exam based on the explanation of selected issues.

Programme content

1. International Civil Aviation Organization (ICAO), structure, mission, objectives, tasks, the Chicago Convention, annexes.
2. The European Union in terms of civil aviation (European institutions, rules of market regulation in the EU).
3. EASA and EUROCONTROL as aviation institutions at the European level.
4. ULC, PANSA, PPL and other organizations influencing Polish aviation.
5. Equivalents of Polish aviation organizations in other countries.
6. Organization and management of military aviation in Poland (Ministry of National Defense, SCAAI LP, Headquarters of the Air Traffic Service of the Polish Armed Forces).
7. IATA, JARUS, FAA, SCAAI, NTSB, KOPP: their structure and functions.



8. Civil aviation accident investigation institutions (SCAAI, NTSB).

9. National civil aviation security program.

Teaching methods

Informative (conventional) lecture (transfer of information in a systematic way) - can be (propedeutical) or monographic (specialist)

Seminar lecture ("external dialogue" of the lecturer with the student; students participate in solving the problem)

Bibliography

Basic

1. Żylicz. M .Międzynarodowe prawo lotnicze , Lexis, Warszawa 2011
2. Compa.M . Przepustowość przestrzeni powietrznej. WLOP Dęblin 2009
3. Zajas S. Międzynarodowe i krajowe organizacje lotnicze. AON. 2015.
4. Doc 7030/4 - Regionalne Procedury Uzupełniające dla Regionu Europy.
5. Jafernik H., Fellner R., Prawo i procedury lotnicze. Politechnika Śląska 2015.

Additional

1. Ustawa Prawo Lotnicze z dnia 3 lipca 2002 r. Prawo lotnicze (Dz. U. z 2013 r. poz. 1393 z późn. zm oraz z 2014 r. poz. 768 z późn. zm)
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.

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,0
Classes requiring direct contact with the teacher	20	1,0
Student's own work (literature studies, preparation for tests) ¹	5	0,0

¹ delete or add other activities as appropriate