



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Aviation Procedures

Course

Field of study

Aerospace engineering

Area of study (specialization)

Civil Aviation

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

polish

Requirements

elective

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

0

Tutorials

15

Projects/seminars

15

Number of credit points

3

Lecturers

Responsible for the course/lecturer:

Marta Maciejewska

Responsible for the course/lecturer:

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Prerequisites

Knowledge: The student has basic knowledge of the legal regulations in civil aviation, knows the basic aviation organizations, can use aviation nomenclature,

Skills: The student is able to independently search for information in the literature and critically evaluate the content found on the Internet,

Social competences: The student is able to work in a group and knows the rules of discussion,

Course objective

The aim of the course is to familiarize the student with the procedures in force in aviation organizations, their legal basis and the method of performance and assessment.



Course-related learning outcomes

Knowledge

1. has extended knowledge necessary to understand the profile subjects and specialist knowledge about the construction, construction methods, manufacturing, operation, air traffic management, safety systems, economic, social and environmental impact in the field of aviation and aerospace for selected specialties: Civil Aviation, BSP
2. has basic knowledge of aviation organizations and applicable Polish and European aviation law
3. has basic knowledge of aircraft movement in the air and air traffic services
4. has detailed knowledge related to selected issues in the field of ground handling of aircraft and propulsion systems, taking into account logistics aspects

Skills

1. Can communicate using various techniques in the professional and other environments, using the formal notation of construction, technical drawing, concepts and definitions of the field of study studied
2. has the ability to self-study with the use of modern didactic tools, such as remote lectures, internet websites and databases, teaching programs, e-books
3. Can obtain information from literature, the Internet, databases and other sources. Can integrate the obtained information, interpret and draw conclusions from it, as well as 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 ready to critically evaluate the knowledge and content received, recognize the importance of knowledge in solving cognitive and practical problems, and consult experts in the event of difficulties with solving the problem on its own

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

LECTURE: written exam from the content presented during the lecture

PROJECT: assessment of the content of the project, defense of the project at the end of the semester

TUTORIALS: final test at the end of the semester

Programme content

1. Basic aviation documents:

-AIP

-AUP



-AIC

METAR / NOTAM / TAF

Flight plan

Aeronautical charts

2. Documentation for the performance of an air operation - pilot's documentation

3. Documentation to perform an air operation - aircraft documentation

4. ATS procedures

- SP identification

- information about the position of the SP

5. Procedures in aviation occurrences and incidents

6. Documentation in air transport

- AOC

- concession for the performance of transport

- flight permit

- contracts with the airport

Teaching methods

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

Exercise method (subject exercises) - in the form of auditorium exercises (the application of acquired knowledge in practice - can take a different nature: solving cognitive tasks or training psychomotor skills; transforming conscious activity into a habit by repetition)

Project method (individual or team implementation of a large, multi-stage cognitive or practical task, which results in the creation of a work)

Bibliography

Basic

1. Prawo i procedury lotnicze. Fellner R., Jafernik H., Wydawnictwo Politechniki Śląskiej 2015,

2. Podręcznik Certyfikacji i Bieżącego Nadzoru nad Ośrodkami Szkolenia Mechaników Lotniczych



3. Regionalne procedury uzupełniające : Doc 7030, Departament Prawno-Legislacyjny - Wydział Dziennika Urzędowego ULC ; Organizacja Międzynarodowego Lotnictwa Cywilnego. Prezes Urzędu Lotnictwa Cywilnego, 2014.

Additional

1. www.aip.pansa.pl

2. Podręcznik Certyfikacji i Bieżącego Nadzoru Organizacji Part-147

Breakdown of average student's workload

| | Hours | ECTS |
|---|-------|------|
| Total workload | 75 | 3,0 |
| Classes requiring direct contact with the teacher | 50 | 2,0 |
| Student's own work (literature studies, preparation for tutorials, preparation for exam) ¹ | 25 | 1,0 |

¹ delete or add other activities as appropriate