



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Aviation law and air traffic control procedures 3 [S1Lot2-PSPL>PL3]

### Course

Field of study

Aviation

Year/Semester

2/4

Area of study (specialization)

Aircraft Piloting

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

elective

### Number of hours

Lecture

30

Laboratory classes

0

Other

0

Tutorials

15

Projects/seminars

0

### Number of credit points

3,00

### Coordinators

Klaudiusz Dybowski

### Lecturers

### Prerequisites

A student starting this subject should have basic knowledge of aviation law and intellectual property protection. He should also have the ability to apply the scientific method in solving problems and be ready to cooperate within a team.

### Course objective

To acquaint the student with the activities of Aviation Organizations, regulations on the licensing of aviation personnel, and air traffic management system.

### Course-related learning outcomes

Knowledge:

1. knows the basic concepts of economics, relating in particular to air transport, has basic knowledge of managing and running a business and knows the general principles of creating and developing forms of individual entrepreneurship, especially in the aspect of aviation companies
2. has the ability to self-study with the use of modern teaching tools, such as remote lectures, websites and databases, teaching programs, e-books

Skills:

1. is able to obtain information from various sources, including literature and databases, both in Polish and in English, integrate them properly, interpret them and make a critical evaluation, draw conclusions and exhaustively justify the opinions they formulate
2. is able to properly use information and communication techniques, applicable at various stages of the implementation of aviation projects
3. can see legal aspects in the process of formulating and solving tasks in air transport, in particular, use the aspects of European and national aviation law regulations
4. can assess - at least in a basic scope - various aspects of the risk associated with a logistics undertaking in air transport
5. can analyze the strategies of enterprises and interpret their activities, and can use in practice the basic tools of strategic analysis
6. is able to estimate various types of costs, is able to verify and assess market phenomena, is able to assess the factors of economic growth and the importance of money for its development, is able to decide about economic choices in the field of consumption and production
7. is able to organize, cooperate and work in a group, assuming various roles in it, and is able to properly define priorities for the implementation of a task set by himself or others
8. is able to plan and implement the process of own permanent learning and knows the possibilities of further education (2nd and 3rd degree studies, postgraduate studies, courses and exams conducted by universities, companies and professional organizations)

Social competences:

1. understands that in technology, knowledge and skills very quickly become obsolete
2. is able to 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
3. is aware of the social role of a technical university graduate, in particular understands the need to formulate and provide the society, in an appropriate form, with information and opinions on engineering activities, technological achievements, as well as the achievements and traditions of the engineer profession
4. correctly identifies and resolves dilemmas related to the profession of an aerospace engineer

### 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

Exercises:

knowledge acquired during the exercises is verified by two 45-minute colloquia carried out during 3 and 7 classes

### Programme content

Act of 3 July 2002 - Aviation Law

Convention on International Civil Aviation

Air Traffic Management

Regional Supplementary Procedures for the European Region

Aircraft Operations

### Course topics

Lecture:

The Convention on International Civil Aviation (Chicago) - ICAO Doc 7300/9. Convention on the High Seas (Geneva, 29 April 1958), other conventions and agreements. World and European organisations. Airworthiness of aircraft, aircraft nationality and registration marks. Personnel Licensing. Aircraft operations: Departure procedures, Approach procedures, Holding procedures.

Exercises:

ICAO Annex 7 - Aircraft Nationality and Registration Marks. Nationality marks, common marks and registration marks. Rules of the air according to ICAO Annex 2 and SERA.

### Teaching methods

1. Lecture: multimedia presentation, illustrated with examples given on the board.

2. Exercises: examples given on the board and performance of tasks given by the teacher - practical exercises.

## Bibliography

Basic:

1. Ustawa z dnia 3 lipca 2002 r. - Prawo lotnicze (Dz. U. z 2013 r. poz. 1393 oraz z 2014 r. poz. 768)
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
5. Doc 8168 - Operacje statków powietrznych

Additional:

-

## Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,00
Classes requiring direct contact with the teacher	47	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	28	1,00