



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Air Law 3

Course

Field of study

Aviation

Area of study (specialization)

Flight Training For Civil Aviation

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

Tutorials

Projects/seminars

Other (e.g. online)

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

Mikołaj Daskocz

Responsible for the course/lecturer:

Wydział Inżynierii Środowiska i Energetyki

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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. has ordered, theoretically founded general knowledge covering key issues in the field of technical thermodynamics, fluid mechanics, in particular aerodynamics



2. has basic knowledge of environmental protection in transport, is aware of the risks associated with environmental protection and understands the specificity of the impact of mainly air transport on the environment as well as social, economic, legal and other non-technical conditions of engineering activities

3. has a basic knowledge of the mechanisms and laws governing human behavior and psyche

Skills

1. can analyze the strategies of enterprises and interpret their activities, and can use in practice the basic tools of strategic analysis

2. 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

Social competences

1. 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

Programme content

Lecture:

Semester 3:

Air Traffic Services (ATS) and Air Traffic Management (ATM): airspace, air traffic control (ATC) services, light information service (FIS), alerting service. Principles governing required navigation performance (RNP) and air traffic service (ATS) route designators. ICAO Doc 4444 - Air Traffic Management. ATS system capacity and air traffic flow management (ATFM). General provisions for air traffic services (ATS). ATC clearances.

Teaching methods

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

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	26	1,0
Classes requiring direct contact with the teacher	17	0,7
Student's own work (literature studies, preparation for written tests) ¹	9	0,2

¹ delete or add other activities as appropriate