



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Air services market and its characteristics

Course

Field of study

Aerospace Engineering

Area of study (specialization)

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

practical

Course offered in

polish

Requirements

compulsory

Number of hours

Lecture

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

Krzysztof Banaszek

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Polska Agencja Żeglugi Powietrznej

ul. Wieżowa 8 02-147 Warszawa

Responsible for the course/lecturer:

Artur Kinowski

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ul. Wieżowa 8 02-147 Warszawa

Prerequisites

Knowledge: The student has a basic knowledge of air transport in Poland and in the world and elements of the aviation market.

Skills: The student has the ability to solve research problems with the use of scientific methods and the ability to find cause-and-effect relationships based on their knowledge. He can analyze and interpret information contained in analyzes and reports.

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

Gaining knowledge on the development of the modern aviation market. Getting to know the latest trends and statistics on civil aviation. Familiarizing students with issues related to the efficiency and development of airports. Presentation and determination of the impact of the airport on the development of the region.

Course-related learning outcomes

Knowledge

1. Has extended knowledge necessary to understand the profile subjects and specialist knowledge about the construction, methods of construction, production, operation, air traffic management, safety systems, impact on the economy, society and the environment in the field of aviation and cosmonautics [K2A_W01]
2. Has basic knowledge necessary to understand social, economic, legal and other non-technical determinants of engineering activity [K2A_W17]
3. Has basic knowledge of law, in particular civil aviation law, copyright and industrial property law and its influence on the development of technology, can use patent information resources [K2A_W18]
4. Knows the general principles of creating and developing forms of individual entrepreneurship, also taking into account time management, as well as the skills of proper self-presentation, using knowledge in the field of science and scientific disciplines relevant to aviation and cosmonautics [K2A_W24]

Skills

1. Is able to communicate using various techniques in the professional environment and other environments using the formal notation of construction, technical drawing, concepts and definitions of the scope of the study field [K2A_U02]
2. Has the ability to self-educate with the use of modern didactic tools, such as remote lectures, internet websites and databases, teaching programs, electronic books [K2A_U03]
3. 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 [K2A_U04]

Social competences

1. Understands the need for lifelong learning; can inspire and organize the learning process of other people [K2A_K01]
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 case of difficulties in solving the problem on its own [K2A_K02]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: written exam (test)



Programme content

The market of air transport services in the world (the concept of the market, genesis and development of the global air transport services market, development trends in the air transport services market, directions of airport development)

The air transport services market in Poland (genesis and development of the air transport services market in Poland, development trends in the air transport services market, development directions of Polish airports)

Air traffic statistics in Poland, Europe and the world

Business models of air carriers

The law of sale of air transport

General aviation market (GA) - terminals, airport charges, air traffic

Regular and charter flights - seasonality of the aviation market

Contemporary airports

EXAM

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. Liberadzki B., Mindura L., Uwarunkowania rozwoju systemu transportowego Polski, Warszawa-Radom 2007
2. Barczak A., Nurzyńska A., Król S., Transport we współczesnej gospodarce: wybrane aspekty, Częstochowa 2017
3. Fellner A., Jackowska M., Wybrane zagadnienia z obszaru lotnictwa cywilnego: praca zbiorowa, Katowice 2011
4. Rucińska D., Rynek usług transportowych w Polsce, Warszawa 2015
5. Zabłocki E., Podstawy funkcjonowania lotnictwa cywilnego, Dęblin 2010
6. Biskup K., Bukowski Z., Działalność lotnicza w Polsce, Bydgoszcz 2015



Additional

1. Zarządzanie ruchem lotniczym w przestrzeni powietrznej RP, WLOP, Warszawa 2002.
2. Ustawa Prawo Lotnicze
3. Rucińska D., Ruciński A., Tłoczyński D., Transport lotniczy. Ekonomika i organizacja, Gdańsk 2012

Breakdown of average student's workload

	Hours	ECTS
Total workload	55	2,0
Classes requiring direct contact with the teacher	40	1,5
Student's own work (literature studies, preparation for test) ¹	15	0,5

¹ delete or add other activities as appropriate