COURSE DESCRIPTION CARD - SYLLABUS

Course name
Air services market and its characteristics [S2LiK2P>RULiJC]

Course

Field of study
Aerospace Engineering

Year/Semester
2/3

Area of study (specialization)
–

Profile of study
practical

Level of study
second-cycle

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
30

Laboratory classes
0

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

1,00

Coordinators

mgr inż. Artur Kinowski
artur.kinowski@put.poznan.pl

Lecturers

Prerequisites

Knowledge: The student has a basic knowledge of air transport, knowledge about the management and organization of transport processes Skills: The student is able to associate and integrate the obtained information, analyze the phenomena occurring in the environment, draw conclusions, formulate and justify opinions Social competences: The student is able to independently search for information in the literature and knows the rules of discussion; 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.

Course-related learning outcomes

Knowledge:
1. Has extended knowledge necessary to understand the profile subjects and specialist knowledge about air traffic management, safety systems, impact on the economy, society and the environment in the field of aviation

2. Has an orderly, theoretically founded general knowledge covering key issues in the field of the impact of aviation on the natural environment, emission of toxic compounds from aircraft propulsion, acoustic emission of flying objects
3. Knows the basic concepts of economics, relating in particular to air transport, has basic knowledge of management and running a business, and knows the general principles of creating and developing forms of individual entrepreneurship, especially in the aspect of airline companies

Skills:
1. Understands the need for lifelong learning, can inspire and organize the learning process of other people

Social competences:
1. Can think and act in an entrepreneurial manner

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Test at the end of semestr

Programme content

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
Test

Course topics

Teaching methods

Informative (conventional) lecture (providing information in a structured way) - may be of a course (introductory) or monographic (specialist) character

Bibliography

Basic:
1. Liberadzki B., Mindura L., Conditions for the development of the Polish transport system, Warszawa-Radom 2007
2. Barczak A., Nurzyńska A., Król S., Transport in the modern economy: selected aspects, Częstochowa 2017
3. Fellner A., Jackowska M., Selected issues in the field of civil aviation: collective work, Katowice 2011
4. Rucińska D., The market of transport services in Poland, Warsaw 2015
5. Zabłocki E., Fundamentals of civil aviation functioning, Dęblin 2010
6. Biskup K., Bukowski Z., Aviation activities in Poland, Bydgoszcz 2015

Additional:
1. Air traffic management in the Polish airspace, WLOP, Warsaw 2002. 2. The Aviation Law Act 3. Rucińska D., Ruciński A., Tłoczyński D., Air transport. Economics and organization, Gdańsk 2012

Breakdown of average student's workload

	Hours	ECTS
Total workload	30	1,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	0	0,00