



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Aviation economic related activities [S2LiK2P>LDG]

### Course

|                                |                   |
|--------------------------------|-------------------|
| Field of study                 | Year/Semester     |
| Aerospace Engineering          | 1/1               |
| Area of study (specialization) | Profile of study  |
| –                              | practical         |
| Level of study                 | Course offered in |
| second-cycle                   | Polish            |
| Form of study                  | Requirements      |
| full-time                      | compulsory        |

### Number of hours

|           |                    |                     |
|-----------|--------------------|---------------------|
| Lecture   | Laboratory classes | Other (e.g. online) |
| 30        | 0                  | 0                   |
| Tutorials | Projects/seminars  |                     |
| 15        | 0                  |                     |

### Number of credit points

3,00

### Coordinators

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### Lecturers

### Prerequisites

Knowledge: The student has a basic knowledge of legal regulations in civil aviation, Skills: The student is able to independently search for information in the literature, 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 rules related to running a business in air transport and the legal basis related to the concessions and permits in force in aviation.

### Course-related learning outcomes

Knowledge:

1. has extended knowledge necessary to understand the profile subjects and specialist knowledge of civil aviation, unmanned aerial vehicles, military aviation, aviation management and aeronautical engineering
2. has basic knowledge of aviation organizations and the applicable Polish and European aviation law
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

4. has basic knowledge of law, in particular civil aviation law

5. 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

Skills:

1. has the ability to self-educate with the use of modern teaching tools, such as remote lectures, websites and databases, teaching programs, e-books

2. is able to name and describe the security policy and objectives, knows the requirements in the field of security management

3. is able to communicate using various techniques in the professional environment and other environments using the formal notation of concepts and definitions of the scope of the study field

Social competences:

1. 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

2. Can think and act in an entrepreneurial manner

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

LECTURE: written exam on the content presented during the lecture

TUTORIALS: assessment of individual exercises given throughout the course and a test at the end of the semester

### Programme content

The program includes detailed analyzes of issues related to aviation business activities, taking into account both legal and economic bases, in the field of organization and management, transport engineering, contemporary and future requirements for environmental protection, construction and operation of real systems and modeling, as well as within the certification process aviation activities, the role of IT tools in creating and running aviation activities, including monitoring the aviation market, characteristics of transport infrastructure and enterprise strategy, and creating innovation factors. In addition, a strategic analysis of the airline company was included, taking into account detailed parameterization of its individual areas of operation, including the environment and forms of financing its operations.

### Course topics

LECTURE:

1. Basic concepts and definitions of economic activity

2. Aviation Law Act - section VIII

3. Obligations of Polish carriers with regard to concessions

4. The right to sell air transport

5. Preparation of a list of documents necessary to submit an application for an air transport license

EXERCISES:

Topic: Obtaining an air carrier license - legal aspects and documentation

1. Characteristics of the enterprise

2. Professional characteristics of management / aviation personnel

3. Aircraft equipment compliance

4. Application for extended range flights

5. Request to reduce the separation minimum. Application for permission to fly with reduced visibility

6. Application of the Civil Aviation Authority for granting an air carrier license

### 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)

## Bibliography

Basic:

1. Mućko P., Sokół A., Jak założyć i prowadzić działalność gospodarczą w Polsce i wybranych krajach europejskich: vademecum małego i średniego przedsiębiorcy, Wydawnictwa Fachowe, 2010
2. Młodzikowska D., Lunden B., Jednoosobowa firma: jak założyć i samodzielnie prowadzić jednoosobową działalność gospodarczą, BL Info Polska, 2019
3. Działalność gospodarcza a ochrona środowiska, Praca zbiorowa pod red. Bazylego Poskrobki, Biuro Badań i Wdrożeń Ekologicznych, 1992
4. Katarzyna Biskup, Zbigniew Bukowski, Działalność lotnicza w Polsce. Instytut Prawa, Administracji i Zarządzania Uniwersytetu Kazimierza Wielkiego w Bydgoszczy, Bydgoszcz 2015.
5. Katarzyna Biskup, Zbigniew Bukowski, Prawne, administracyjne i ekonomiczne uwarunkowania działalności lotniczej w Polsce. Instytutu Prawa, Administracji i Zarządzania Uniwersytetu Kazimierza Wielkiego w Bydgoszczy, Bydgoszcz 2014.
6. Sonia Huderek-Glapska, Zarządzanie rozwojem portów lotniczych. C.H. Beck, 2019.
7. Andrzej Powołowski, Hanna Wolska, Przedsiębiorcy i ich działalność, Monografie prawnicze, C.H. Beck, 2019.
8. Michał Dorociak, Tomasz Klemt, Artur Szmigielski, Michalina Szpyrka, Paweł Wajda, Wolność gospodarcza a regulacja rynków na przykładzie wpływu unijnych i krajowych regulatorów rynków na działalność przedsiębiorców. C.H. Beck, 2020.
9. Aleksandra Cempura, Anna Kasolik, Metodyka sporządzania umów gospodarczych, Wolters Kluwer, 2023.
10. Andrzej Lazarowicz, Angelika Borowska, Ewa Szpytko-Waszczyzyn, Katarzyna Dorociak, Katarzyna Tokarczyk, Kinga Jańczak, Małgorzata Lewandowska, Działalność gospodarcza - Kompendium wyd. 2. WINS, Wrocław 2022.
11. Anna Konert, Prawo lotnicze w dobie kryzysu lotnictwa cywilnego. Uczelnia Łazarskiego 2022.
12. Aleksander Maziarz, Zasady wykonywania działalności gospodarczej w zakresie przewozów lotniczych w prawie UE. Akademia Leona Koźmińskiego w Warszawie, 2015.
13. Karolina Wojciechowska, Prawo lotnicze. Ustawa o szczególnych zasadach przygotowania i realizacji inwestycji w zakresie lotnisk użytku publicznego. Komentarz. C.H. Beck, 2022.
14. Marek Żylicz, Prawo lotnicze. Komentarz. Wolters Kluwer, 2016.

Additional:

1. Ustawa Prawo Lotnicze z dnia 3 lipca 2002 roku - Dział VIII - Lotnicza Działalność Gospodarcza
2. art. 196 i 196a ustawy Prawo Lotnicze (Dz. U. z 2013 r. poz. 1393, z 2014 r. poz. 768 oraz z 2015 r. poz. 978, 1221, 1586 i 1893), dalej „ustawa Prawo lotnicze” - Prawo sprzedaży przewozów lotniczych
3. Marek Żylicz. PRAWO LOTNICZE MIĘDZYNARODOWE EUROPEJSKIE I KRAJOWE. Lexisnexis, 2011.
4. Filip Czernicki, Tadeusz Skoczny, Usługi portów lotniczych w Unii Europejskiej i w Polsce II - wybrane zagadnienia, WNWZ Uniwersytetu Warszawskiego, Warszawa 2011.
5. Edyta Pijet-Migoń, ZMIANY RYNKU LOTNICZYCH PRZEWOZÓW PASAŻERSKICH W POLSCE PO AKCESJI DO UNII EUROPEJSKIEJ. Rozprawy Naukowe Instytutu Geografii i Rozwoju Regionalnego Uniwersytetu Wrocławskiego, Wrocław 2012.

## Breakdown of average student's workload

|   | Hours | ECTS |
|---|-------|------|
| Total workload  | 75    | 3,00 |
| Classes requiring direct contact with the teacher   | 45    | 2,00 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 30    | 1,00 |