



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Practical training [S1Lot2-SLiPL>PZ]

### Course

Field of study

Aviation

Year/Semester

2/4

Area of study (specialization)

Aircraft Engines and Airframes

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

0

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

80

### Number of credit points

2,00

### Coordinators

### Lecturers

### Prerequisites

Student has knowledge of the applicable rules for the implementation of practical training. Knows the regulations of practical training and the conditions for passing them. Has basic knowledge of issues covered by the study program. Has the ability to creatively use the knowledge acquired during studies. Can work in a working group. Is able to transparently distribute tasks in a group. Is able to interpret and perform received tasks correctly.

### Course objective

Verification of the theoretical knowledge possessed by the student with reality, gaining new professional experience in real working conditions.

### Course-related learning outcomes

Knowledge:

1. The student has knowledge of aviation safety and management. The student knows the concept of the human factor and methods of assessing human reliability, has detailed knowledge related to selected issues in the field of human capabilities and limitations during aircraft operation in flight, its impact on health and ability to perform flight operations, as well as possibilities of improving physical condition 2. has the ability to self-educate using modern teaching tools, such as remote lectures, Internet sites and databases, teaching programs, e-books

#### Skills:

1. is able to obtain information from various sources, including literature and databases, both in Polish and English, integrate it properly, interpret and critically evaluate it, draw conclusions, and exhaustively justify the opinions he formulates 2. is able to appropriately use information and communication techniques, which are applied at various stages of implementing aviation projects 3. is able to see legal aspects in the process of formulating and solving air transport tasks, in particular to use aspects of European and national aviation law 4. is able to assess - at least to a basic extent - various aspects of risk associated with a logistics undertaking in air transport 5. is able to organize, cooperate and work in a group, assuming different roles in it and is able to appropriately define priorities for the implementation of a task specified by himself or others 6. is able to plan and implement the process of his 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. is able to think and act in an entrepreneurial manner, including finding commercial applications for the system being created, taking into account not only the business benefits but also the social benefits of the conducted activity 2. is aware of the social role of a graduate of a technical university, in particular understands the need to formulate and communicate to the public, in an appropriate form, information and opinions concerning engineering activities, technical achievements, as well as the achievements and traditions of the engineering profession 3. correctly identifies and resolves dilemmas related to the performance of the profession of an aviation and astronautics engineer

#### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Written exam

#### Programme content

Acquaintance with the functioning of production or service enterprises carrying out activities related to the design, manufacture or operation in the field of Aerospace Engineering.

#### Course topics

not applicable

#### Teaching methods

Credit for practical training based on the practical training report, certified by the enterprise, assessment of the practical training tutor by the enterprise

#### Bibliography

Basic:

not applicable

Additional:

not applicable

#### Breakdown of average student's workload

|                                                                                                                                         | Hours | ECTS |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------|------|
| Total workload                                                                                                                          | 70    | 2,00 |
| Classes requiring direct contact with the teacher                                                                                       | 10    | 0,50 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 60    | 1,50 |