



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Practical training

### Course

Field of study

Year/Semester

Aviation

3/6

Area of study (specialization)

Profile of study

Aircraft engines and airframes

general academic

Level of study

Course offered in

First-cycle studies

polish

Form of study

Requirements

full-time

elective

### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

0

0

0

Tutorials

Projects/seminars

435

0

### Number of credit points

2

### Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

PhD inż. Łukasz Semkło

email: lukasz.semklo@put.poznan.pl

tel.: 61 665 2213

Faculty of Environmental Engineering and  
Energy

Piotrowo 3 st., 60-965 Poznań

### 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 the ability to perform air operations, as well as the possibility of improving physical condition
2. has the ability to self-study with the use of modern teaching tools, such as remote lectures, websites and databases, teaching programs, e-books

### Skills

1. is able to obtain information from various sources, including literature and databases, both in Polish and in English, integrate them properly, interpret them and make a critical evaluation, draw conclusions and exhaustively justify the opinions they formulate
2. is able to properly use information and communication techniques, applicable at various stages of the implementation of aviation projects
3. can see legal aspects in the process of formulating and solving tasks in air transport, in particular, use the aspects of European and national aviation law regulations
4. can assess - at least in a basic scope - various aspects of the risk associated with a logistics undertaking in air transport
5. 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
6. is able to plan and implement the process of 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 way, incl. finding commercial applications for the created system, bearing in mind not only the business benefits, but also the social benefits of the activity
2. is aware of the social role of a technical university graduate, in particular understands the need to formulate and provide the society, in an appropriate form, with information and opinions on engineering activities, technological achievements, as well as the achievements and traditions of the engineer profession
3. 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:

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.

### 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	435	2,0
Classes requiring direct contact with the teacher	0	0,0
Student's own work (preparation for tutorials, practical exercises PART-66) <sup>1</sup>	435	2,0

<sup>1</sup> delete or add other activities as appropriate