



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Transition thesis [S1Lot1-SLiPL>PP]

Course

Field of study

Aviation

Year/Semester

3/6

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

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

4

Number of credit points

5,00

Coordinators

dr inż. Łukasz Brodzik

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Lecturers

Prerequisites

Has basic knowledge of aircraft construction, flight mechanics and aerodynamics, as well as materials used. He can perform basic mathematical calculations in the field of algebra and calculus. Can independently search and integrate information found in the literature.

Course objective

none

Course-related learning outcomes

none

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

none

Programme content

Descriptive or computational analysis of phenomena or technical issues related to aircraft. The calculations mainly concern the analysis of fluid and heat flow as well as the strength of materials of selected working areas during aircraft operations.

Course topics

The intermediate thesis is a preparation for the diploma thesis covering issues related to aircraft design elements, flight mechanics, aerodynamics, parameters of aircraft engines and their components in terms of flow, heat transfer, as well as other aviation-related analyses.

Teaching methods

Consultations

Bibliography

none

Breakdown of average student's workload

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