

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Basics of Aviation Technology		Code 1010621211010623532
Field of study Transport	Profile of study (general academic, practical) (brak)	Year /Semester 1 / 1
Elective path/specialty Aircraft Transport	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 2 Classes: - Laboratory: - Project/seminars: -		No. of credits 2
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art technical sciences		ECTS distribution (number and %) 2 100%
Responsible for subject / lecturer: Prof. Jerzy Merkisz, D.Sc,Eng. email: jerzy.merkisz@put.poznan.pl tel. (061) 665-2208 Faculty of Machines and Transport 3 Piotrowo street, 60-965 Poznan, Poland		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge in the field of aviatio
2	Skills	Able to think analytically and associate of cause and effect in terms of aircraft.
3	Social competencies	Able to work in a group and understand the basics of security.
Assumptions and objectives of the course: Understanding the requirements and challenges of the twenty-first century aviation.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Able to define the basic concepts of air transport such as airport, the airport, the aircraft division, knows the limits of liability of carriers - [K1A_W14]		
2. Student has a basic knowledge of the construction of aircraft - [K1A_W16]		
3. Student is aware of the existing laws of physics in the air zakresieruchu - [K1A_W24]		
Skills:		
1. Is able to identify the problem in the field of air transport - [K1A_U07]		
2. Able to analyze the cause and effect of the problem and propose a solution to - [K1A_U08]		
Social competencies:		
1. Understands the need for learning throughout life. - [K1A_K01]		
2. Is aware of and understands the validity of the non-technical aspects and effects of engineering activities, including its impact on the environment and the associated responsibility for decisions - [-]		
Assessment methods of study outcomes		
Written exam or test		
Course description		

flying ships and missiles? classification, competitiveness, safety, regulations, testing and certifications, reduce emissions and noise, increase? capacity? airspace.

Basic bibliography:

1. W. Cheda, M. Malski ? Techniczny poradnik lotniczy. Silniki. WKiŁ, Warszawa 1984

Additional bibliography:

1. Pilecki S., Lotnictwo i kosmonautyka, WKŁ, Warszawa 1984
2. Szczeciński S., Ilustrowany leksykon lotniczy. Technika lotnicza, WKŁ, Warszawa 1988.

Result of average student's workload

Activity	Time (working hours)
1. Preparation for lectures	1
2. Participation in the lecture	30
3. Learning of lectures content	5
4. Office hours	5
5. Preparation for the exam	10
6. Participation in the exam	1

Student's workload

Source of workload	hours	ECTS
Total workload	52	2
Contact hours	30	2
Practical activities	0	0