

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Operational procedures 1		Code 1010601121010637512
Field of study Aerospace Engineering	Profile of study (general academic, practical) general academic	Year /Semester 1 / 2
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: First-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 1 Classes: - Laboratory: - Project/seminars: -		No. of credits 2
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 2 100% 2 100%
Responsible for subject / lecturer: mgr Tomasz Zdziarski email: tomasz.zdziarski@put.poznan.pl tel. +48 500 123 362 Faculty of Transport Engineering ul. Piotrowo 3 60-965 Poznań		Responsible for subject / lecturer: dr hab. inż. Agnieszka Wróblewska email: agnieszka.wroblewska@put.poznan.pl tel. +48 784 698 595 Faculty of Transport Engineering ul. Piotrowo 3 60-965 Poznań
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	the scope of the provisions relating to the operation of aircraft [PRK4]
2	Skills	can apply the scientific method in solving problems [PRK4]
3	Social competencies	knows the limits of own knowledge and skills; can work in a group [PRK4]
Assumptions and objectives of the course: Ability to use operational and navigational documentation, interpretation and application of regulations related to the operation of aircraft, search and rescue, investigation of air accidents, anti-noise procedures, emergency procedures, dangerous goods transport, passenger transport, understanding of the consequences of violation of aviation regulations		
Study outcomes and reference to the educational results for a field of study		
Knowledge: 1. has detailed knowledge related to selected issues in the field of flight rules, its preparation, as well as related operational procedures - [K1A_W17]		
Skills: 1. can use verbal communication in one additional foreign language at the level of everyday language, can describe issues in the field of the studied field of study in this language, can prepare technical documentation descriptively - drawing engineering, transport and / or logistic tasks - [K1A_U07] 2. is able to develop a safety instruction for a simple and medium-complex on-board device, machine or technical flying facility under specified environmental conditions - [K1A_U12]		
Social competencies: 1. is aware of the importance and understands the non-technical aspects and effects of engineering activities, including its impact on the environment, and the related responsibility for decisions - [K1A_K02] 2. can interact and work in a group, taking on different roles in it - [K1A_K03]		
Assessment methods of study outcomes		
written exam		

Course description		
International, commercial air transport - airplanes, International general aviation - airplanes, International operations - helicopters, Procedures to reduce noise, Impact of the flight procedure (departure, flight, arrival / approach to landing), Impact of pilot actions (power setting, low resistance, low power), Windfarm and micro-diversion, Fire or smoke, Decompression of airtight cabin, Emergency and preventive landing, Contaminated runways, Turbulence in the wind, Aircraft operation		
Basic bibliography:		
1. Ustawa z dnia 3 lipca 2002 r. ? Prawo lotnicze (Dz. U. z 2013 r. poz. 1393 z późn. zm oraz z 2014 r. poz. 768 z późn. zm)		
2. Załącznik 6 ? ?Eksplatacja statków powietrznych? do Konwencji o międzynarodowym lotnictwie cywilnym, podpisanej w Chicago dnia 7 grudnia 1944 r. - Konwencja chicagowska (Dz. U z 1959 r. Nr 35, poz. 212, z późn. zm)		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
1. Participation in classes (according to plan)	15	
2. Consolidation of the content of classes / report	15	
3. Preparation for the exam / pass	20	
4. Participation in the exam / pass	1	
Student's workload		
Source of workload	hours	ECTS
Total workload	51	2
Contact hours	16	1
Practical activities	0	0