

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Aviation laws		Code 1010601161011003161
Field of study Mechanical Engineering	Profile of study (general academic, practical) (brak)	Year /Semester 3 / 6
Elective path/specialty Aircraft Engines	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 1
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 %) 1 100%
Responsible for subject / lecturer: mgr inż. Michał Andrachiewicz email: michal.andrachiewicz@put.poznan.pl tel. (061) 665-2207 Faculty of Working Machines and Transportation ul. Piotrowo 3; 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge of mechanics, construction drives aviation safety and risk assessment
2	Skills	Can apply the scientific method to solve problems, implement experiments and reasoning
3	Social competencies	Knows the limits of their own knowledge and skills, able to clearly formulate questions, understands the need for further education
Assumptions and objectives of the course: - Getting familiar with the laws in force in civil aviation. National regulations and international conventions		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Has a basic knowledge of the strength of materials, including basics of the theory of elasticity and plasticity, strength effort hypotheses, methods for calculating beams, diaphragms, shafts, connections and other simple components, as well as methods for testing the strength of materials, strain and stress on mechanical structures - [K1A_W11]		
2. Has an elementary knowledge of the law, particularly concerning safety, protection of copyright and industrial property and its impact on the development of technology. - [K1A_W22]		
3. Has an expanded knowledge necessary for understanding specialized subjects and expertise in construction, design and manufacturing methods and operation of a selected group of machines, in particular. Modules related to the above mentioned specializations are optional and chosen by the student in the form of elective subjects packages. - [K1A_W24]		
Skills:		
1. Is able use the languages: native and international at a level sufficient to enable understanding of technical texts and writing using dictionaries with technical descriptions of machines in their field technology (knowledge of technical terminology). - [K1A_U01]		
2. Is able to use one additional foreign language in everyday verbal communication. - [K1A_U02]		
3. Is able to prepare technical documentation (descriptive and graphic) of an engineering task. - [K1A_U04]		
Social competencies:		
1. Is able to think and act in an entrepreneurial manner. - [K1A_K05]		
2. Is aware of and understands the importance and impact of non-technical aspects of mechanical engineering activities and its impact on the environment and responsibility for own decisions. - [K1A_K02]		
3. Understands the need and knows the possibilities of lifelong learning. - [K1A_K01]		

Assessment methods of study outcomes		
- Written test		
Course description		
- Responsibilities of staff and those involved in air traffic. Conventions. Situations dangerous and extremely dangerous.		
Basic bibliography:		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
1. Preparing to pass the lectures	10	
2. Participation in the completion of	2	
3. Participation in the lecture	15	
Student's workload		
Source of workload	hours	ECTS
Total workload	29	1
Contact hours	19	1
Practical activities	0	0