		STUDY MODULE D	ESCRIPTION FORM	1		
	f the module/subject ty management :	systems		Code 1010601161010627752		
Field of	study		Profile of study	Year /Semester		
Aero	space Engineeri	ing	(general academic, practical general academic			
	path/specialty	0	Subject offered in:	Course (compulsory, elective)		
	Air	craft Transport	Polish	obligatory		
Cycle of	f study:		Form of study (full-time,part-time))		
First-cycle studies full-time						
No. of h	ours		L	No. of credits		
Lectur	e: 1 Classes	s: 1 Laboratory: -	Project/seminars:	- 3		
Status o	of the course in the study	program (Basic, major, other)	(university-wide, from another	field)		
		other	univ	ersity-wide		
Educati	on areas and fields of sci	ence and art		ECTS distribution (number and %)		
techr	nical sciences			3 100%		
	Technical scie	ences		3 100%		
				0 100,0		
dr inż. Piotr Smoczyński email: piotr.smoczynski@put.poznan.pl tel. +48616652841 Wydział Inżynierii Transportu ul. Piotrowo 3 60-965 Poznań						
Prere	quisites in term	s of knowledge, skills an	d social competencies	:		
1	Knowledge	The student has a basic knowle quality management systems.	dge of aviation law, organizatio	ons in civil aviation, as well as		
		The student knows the basics of mathematics, with particular emphasis on probability				
2	Skills	The student is able to analyze c	omplex processes: identify and describe their components.			
3	Social competencies	The student is able to cooperate in a group, taking various roles in it.				
5		The student can determine the priorities important in solving the tasks set before him.				
		Student demonstrates independence in solving problems, acquiring and improving acquired knowledge and skills.				
Assu	mptions and obi	ectives of the course:				
Transfe	er of knowledge and s	kills allowing for independent designment designment and the international, Eur	ign of elements of safety mana opean and national level	gement systems that meet the		
	Study outco	mes and reference to the	educational results for	r a field of study		
Know	/ledge:					
	student has a structur sessment [K1_W12]	red, theoretically founded general	knowledge covering key issue	s in the field of flight safety and		
2. The	student has basic kno	wledge in the field of law, in partic pact on the development of techno				
Skills	5:					
1. The student is able to communicate using various techniques in the professional environment and other environments using the formal record of the structure, technical drawing, concepts and definition of the scope of the studied field of study - [K1A_U02]						
2. The student can acquire information from literature, the internet, databases and other sources. Can integrate the information obtained and interpret conclusions and create and justify opinions - [K1A_U04]						
Socia	al competencies:					
		e importance and understands the ovironment, and the related respon				

2. The student is able to interact and work in a group, taking on different roles - [K1_K03]

Assessment methods of study outcomes

Written exam in a test form

Course description

History of safety management. Discussing the main stages in the development of safety engineering. Actual role of SMS in civil aviation (division of responsibility between EU and national offices, discussion of the main legal acts, requirements for safety management systems implemented in airlines, examples of implementation of requirements, supervision of ULC over entities, typical irregularities identified during the inspection). Scientific discussion on the problems of safety management systems.

Basic bibliography:

1. Annex 19 to the Convention on International Civil Aviation

2. Kadziński A., Studium wybranych aspektów niezawodności systemów oraz obiektów pojazdów szynowych, Wydawnictwo Politechniki Poznańskiej, Poznań 2013 ? rozdział 8

Additional bibliography:

1. Regulation (EC) No 216/2008 of the European Parliament and of the Council on common rules in the field of civil aviation and establishing a European Aviation Safety Agency (as amended)

2. Safety Management Manual (SMM), ICAO, wyd. 3, 2012

Result of average student's workload

Activity	Time (working hours)	
1. Preparation for classes	10	
2. Participation in classes (according to plan)	30	
3. Revision of the content of classes	20	
4. Preparation for the exam	13	
5. Participation in the exam	2	
Student's wo	orkload	
Source of workload	hours	ECTS
Total workload	75	3
Contact hours	30	1
Practical activities	15	1