POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name

Terrorist threats

Course

Field of study	Year/Semester
Aviation and cosmonautics	1/1
Area of study (specialization)	Profile of study
Unmanned aerial vehicles	general academic
Level of study	Course offered in
Second-cycle studies	polish
Form of study	Requirements
full-time	elective

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
15	0	0
Tutorials	Projects/seminars	
0	0	

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

dr Jędrzej Łukasiewicz
email: jedrzej.lukasiewicz@put.poznan.pl
tel. 61 224 45 11
Wydział Inżynierii Lądowej i Transportu
ul. Piotrowo 3, 60-965 Poznań

Responsible for the course/lecturer:

płk. pil. Paweł Kowalczyk

Prerequisites

Knowledge: the student has a basic knowledge of the Internet system of legal acts, the hierarchy of validity of legal acts in Poland

Skills: The student is able to analyze complex processes: identify and describe their component parts.

Social competences: The student is able to cooperate in a group, assuming various roles in it. The student is able to determine the priorities important in solving the tasks set before him. The student shows independence in solving problems, gaining and improving the acquired knowledge and skills.

Course objective

To familiarize students with issues related to anti-terrorist security of the state, operators of critical infrastructure and air carriers

Course-related learning outcomes

Knowledge

POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

1. has detailed and structured knowledge of how to deal with risk in unmanned operations with varying degrees of operator control

2. knows and understands the dilemmas of modern civilization in the field of security

3. knows the general principles of creating and developing forms of individual entrepreneurship, also taking into account time management, as well as the skills of proper self-presentation, using knowledge in the field of science and scientific disciplines relevant to aviation and cosmonautics

Skills

1. is able to name and describe the security policy and objectives, knows the requirements in the field of security management

2. is able to identify the sources of threats in various areas of aircraft operation, formulate the related threats, assess the risk of threats using appropriate methods and propose ways to ensure safety

Social competences

1. Is ready to critically evaluate the knowledge and content received, recognize the importance of knowledge in solving cognitive and practical problems, and consult experts in case of difficulties in solving the problem on its own

2. 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 made

3. is aware of the social role of a technical university graduate, and especially understands the need to formulate and convey to the society, in particular through the mass media, information and opinions on technological achievements and other aspects of engineering activities; makes efforts to provide such information and opinions in a generally comprehensible manner

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: a final test covering the issues discussed in class

Programme content

LECTURE:
1. Definition of the concept of critical infrastructure,
2. Definition of terrorism,
3. Methods of combating terrorism,
4. Sensitivity of critical infrastructure objects to terrorist attacks

Teaching methods

Informative (conventional) lecture (providing information in a structured way) - may be of a course (introductory) or monographic (specialist) character

POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

3

Bibliography

Basic

1. Historia terroryzmu, Blin Arnauld, Gerard Chaliand

2. Polski system antyterrorystyczny, Michał Piekarski, Karolina Wojtasik

3. Walka z terroryzmem w Unii Europejskiej, Damian Szlachter

Additional

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,0
Classes requiring direct contact with the teacher	15	0,5
Student's own work (literature studies, preparation for test) [1]	10	0,5

---

[1] delete or add other activities as appropriate