



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Terrorist threats [S2LiK1-BSP>ZT]

Course

Field of study

Aerospace Engineering

Year/Semester

1/1

Area of study (specialization)

Unmanned Aerial Vehicles

Profile of study

general academic

Level of study

second-cycle

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

0

Number of credit points

1,00

Coordinators

Paweł Kowalczyk

Lecturers

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:

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:

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

Course topics

none

Teaching methods

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

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	1,00
Classes requiring direct contact with the teacher	15	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	10	0,50