GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Cybersecurity, E:41027W0
Field of study	Space and Satellite Technologies

Date of commencement of studies	February 2024	Academic year of realisation of subject	2023/2024
Education level	second-cycle studies	Subject group	
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	English
Semester of study	1	ECTS credits	2.0
Learning profile		Assessment form	assessment

Conducting unit	Faculty of Electronics, Telecommunications and Informatics

Name and surname of lecturer (lecturers)	Subject supervisor	Jakub Syta
	Teachers	Jakub Syta

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	15.0	0.0	30
	E-learning hours included: 0.0						

Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
	Number of study hours	30	0.0	0.0	30

Subject objectives	To familiarise students theoretically and practically with basics of cybersecurity.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K7_U11	He is able to utilise his legal knowledge on cybersecurity.	[SU1] Assessment of task fulfilment
	[K7_K02] Understands the non-technical aspects of activities in the field of space and satellite technologies, including their social consequences and impact on the state of the environment. Expresses opinions on the development of technology and related risks.	He understands non-technical and social threats related to cybersecurity.	[SK2] Assessment of progress of work
	K7_U14	He is able to define cybersecurity requirements for space and satellite applications.	[SU3] Assessment of ability to use knowledge gained from the subject
	K7_U10	He takes into account cybersecurity issues when impementing tasks related to space and satellite technologies.	[SU1] Assessment of task fulfilment
	K7_W10	Student is familiar with cybersecurity issues in the context of space and satellite applications.	[SW1] Assessment of factual knowledge

Subject contents	Brief introduction to cybersecurity; IT Security risk management practices; Threat modelling; Multilayered approach to information security management; Introduction to DevOpsSec approach
Prerequisites and co-requisites	-

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	50.0%	50.0%
	exam	50.0%	50.0%

Recommended reading	Basic literature	Students will receive a reading list at the beginning of the semester.
	Supplementary literature	-
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	-
Work placement	Not applicable