



Subject card

Subject name and code	BSc Diploma Seminar, PG_00047707						
Field of study	Automatic Control, Cybernetics and Robotics						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	7		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Decision Systems and Robotics -> Faculty of Electronics, Telecommunications and Informatics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Michał Czubenko				
	Teachers		dr hab. inż. Michał Czubenko				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	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		2.0		18.0	50
Subject objectives	Preparing students for writing a thesis and its presentation. Discussion of the list of questions of the final exam.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_K01] is ready to cultivate and disseminate models of proper behaviour in and outside the work environment; make independent decisions; critically evaluate actions of their own, teams they lead and organisations they are part of; take responsibility for results of these actions; responsibly perform professional roles, including: n - observing rules of professional ethics and require it from others, n - care for the achievements and traditions of the profession	He can present the effects of his work, self-assessment and substantive criticism of the effects of other people's work.	[SK4] Assessment of communication skills, including language correctness
	[K6_W07] Knows and understands, to an advanced extent, the general principles of setting up and development of business entities, forms of individual entrepreneurship and running ventures in the field specific to the field of study	Has sufficient knowledge to plan the implementation of an engineering project, taking into account economic realities.	[SW1] Assessment of factual knowledge
	[K6_U10] can individually plan their own lifelong education, also by means of advanced information and communication technologies (ICT), and communicate with people from their environment, firmly justify their point of view, participate in debates, present, assess and discuss different opinions and points of view, as well as use specialist terminology related to the field of study in communication	Has the ability to self-study based on professional knowledge gained in college, can present their arguments using modern techniques.	[SU1] Assessment of task fulfilment
	[K6_K03] is ready to meet social obligations, co-organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way	Has a sense of responsibility towards society.	[SK5] Assessment of ability to solve problems that arise in practice
	[K6_K02] is ready to critically assess possessed knowledge and acknowledge the importance of knowledge in solving cognitive and practical problems	Is able to independently process knowledge of automation and robotics.	[SK5] Assessment of ability to solve problems that arise in practice
Subject contents	1. Introduction to the seminar - rules for the preparation of good speeches and engineering documents. 2. The rules of writing a thesis. The organization of the work, the order of chapters. 3. Discussion of formal and editing requirements, selection and use of literature and source materials. 4. The first seminar presentation - aims and objectives of the work, the state of knowledge in the area of the work. 5. Answers to selected exam questions (Diploma). 6. The second seminar presentation - achieved results.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Two seminar presentations	50.0%	60.0%
	Preparation of responses to selected exam questions .	50.0%	40.0%
Recommended reading	Basic literature	Literature related to the topic of the thesis.	
	Supplementary literature	Literature related to the topic of the thesis.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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