



Subject card

Subject name and code	BSc Diploma Project, PG_00055510						
Field of study	Mechatronics						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2026/2027		
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		16.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	0.0	0
	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	0		25.0		375.0	400
Subject objectives	Development of the engineering diploma project by the student, on the subject and scope of defined by the Work Supervisor.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U06] is able to identify and formulate specification of simple, practical engineering tasks, distinctive for mechatronics		Defines the specifications of the project tasks based on the project's scope and subject matter		[SU2] Assessment of ability to analyse information		
	[K6_U08] is able - according to a given specification - design, calculate costs and develop a simple device, object, system or process typical for mechatronics, using appropriate methods, techniques and tools		Designs and implements a project task based on the project's subject matter, while considerin		[SU1] Assessment of task fulfilment		
	[K6_U01] is able to acquire information from literature, databases and other, properly chosen sources, integrate these information, interpret them, draw conclusions and formulate opinions		Gathers information required for project execution from diverse sources and performs a critical, justified assessment of its relevance, reliability, and applicability.		[SU5] Assessment of ability to present the results of task		
	[K6_U03] has self-learning skills		Independently searches for the sources and tools necessary to complete the project and expands knowledge and skills through the project's implementation		[SU5] Assessment of ability to present the results of task		
	[K6_U11] is able to evaluate usefulness of methods and tools to solve simple, practical engineering task, distinctive for mechatronics and is able to choose the proper method and tools		Develops a diploma project, conducting design work and selecting appropriate tools and methods to achieve the project objectives		[SU4] Assessment of ability to use methods and tools		
Subject contents							
Prerequisites and co-requisites	Registration for diploma semester						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Evalutaion of the project	55.0%	100.0%
Recommended reading	Basic literature	Literature appropriate and related to the subject matter of the thesis.	
	Supplementary literature	Literature appropriate and related to the subject matter of the thesis.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	The list of topics for diploma exam is available at he Faculty website		
Practical activites within the subject	Not applicable		

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