



Subject card

Subject name and code		BSc Diploma Project, PG_00055510						
Field of study		Mechatronics						
Date of commencement of studies		October 2021	Academic year of realisation of subject			2024/2025		
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		Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)		Subject supervisor		dr hab. inż. Ryszard Jasiński				
		Teachers						
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	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		Preparation by the student of an engineering diploma project with a topic and scope defined by the thesis 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	Student prepares an engineering diploma project. He is able to identify and formulate a specification of simple engineering tasks of a practical nature.		[SU1] Assessment of task fulfilment			
		[K6_U03] has self-learning skills	The student independently prepares an engineering diploma project using various sources, e.g. obtaining the necessary information from the literature.		[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools			
		[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	Student prepares a critical review of literature and solutions related to the topic of the work using publications in Polish or a foreign language.		[SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task			
		[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	Student prepares a diploma project. Organizes the design work of a device, object, system or process typical of mechatronics.		[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment			
		[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	Student performs, using appropriate methods and tools necessary calculations, research, analysis and comparison in order to solve a practical engineering task.		[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment			
Subject contents		Realization of the work under the supervision of a supervisor in accordance with the defined scope and topic. Editorial preparation of the content of the work for its publication. Consultation of the project with the supervisor and, if necessary, other experts. Preparation of a multimedia presentation.						

Prerequisites and co-requisites	Registration for the diploma semester.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Evaluation of the engineering diploma project	56.0%	100.0%
Recommended reading	Basic literature	Literature consistent with the topic of the work.	
	Supplementary literature	Literature consistent with the topic of the work.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Current lists of questions for the diploma examination, appropriate for a given specialization, are available on the Faculty's website.		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.