



Subject card

Subject name and code		BSc Diploma Project, PG_00060470						
Field of study		Mechanical and Naval Engineering						
Date of commencement of studies		October 2026	Academic year of realisation of subject			2029/2030		
Education level		first-cycle studies	Subject group			Optional subject group		
Mode of study		Part-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 -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)		Subject supervisor		dr hab. inż. Waldemar Karaszewski				
		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	20.0		380.0		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_U08] is able to design a technological manufacturing process for typical elements of machines or devices, using analytical and numerical calculating tools	The student prepares a diploma project. Performs design work on the technological process using available literature and tools.			[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools		
		[K6_U03] is able to identify, formulate and develop the documentation of a simple design or technological task, including the description of the results of this task in Polish or in a foreign language and to present the results using computer software or other aiding tools	The student prepares an engineering diploma project. He is able to identify and formulate a specification of simple engineering tasks of a design nature using available tools.			[SU1] Assessment of task fulfilment		
		[K6_U09] is able to plan the manufacturing, assembly and quality control processes of typical constructions and mechanical devices, estimating their costs	The student prepares a diploma project. Performs design work on a device, object, system or process.			[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment		
		[K6_U07] is able to design a typical construction of a mechanical device, component or a testing station using appropriate methods and tools, adhering to the set usage criteria	The student performs, using appropriate methods and tools, the necessary calculations, research, analyses and comparisons in order to solve an engineering task of a practical nature.			[SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment		
Subject contents								
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	
Example issues/ example questions/ tasks being completed	Current lists of diploma examination questions appropriate to a given specialization are available on the Faculty's website.	
Practical activities within the subject	Not applicable	

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