GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Master's thesis, PG_00064866		
Field of study	Mechanical Engineering		
Date of commencement of studies	February 2027	Academic year of realisation of subject	2027/2028
Education level	second-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	2	Language of instruction	Polish
Semester of study	3	ECTS credits	20.0
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 inż. Beata Majkowska-Marzec	
	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	30.0	470.0	500

Subject objectives

Preparation of a master's thesis by the student with the topic and scope defined by the supervisor.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_U02] formulates and solves technical problems specific to Mechanics and Mechanical Engineering using appropriate tools including CAD and MES systems, and prepares technical documentation	The student is able to document the proposed solution to the problem in the form of documentation appropriate to the field of study and the specifics of the problem analysed. Performs, using appropriate tools, the necessary models, calculations, research, analysis and comparisons.	[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment
[K7_U14] integrates information obtained from literature and other properly selected sources, including those in a foreign language, creatively interpreting and critically evaluating them, and drawing conclusions	The student prepares a critical review of literature and solutions related to the topic of the work using publications in Polish or foreign language. Develops an oral presentation of his/her work.	[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information
[K7_K13] is ready for responsible performance of proffesional roles, considering ever-changing need of the society, including self developement and supporting and fullfiling work ethics	The student prepares a thesis. The student can consider non-technical aspects during the implementation of the task resulting from the thesis topic.	[SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work

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 thesis	56.0%	100.0%

Recommended reading

Basic literature	Literature in line with the subject of the work.
Supplementary literature	Literature in line with the subject of the work.
eResources addresses	

Example issues/ example questions/ tasks being completed	The Faculty website provides current lists of questions for the diploma examination, specific to the specialisation.
Practical activites within the subject	Not applicable

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