GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma/Final Dissertation, PG_00057038		
Field of study	Mechatronics		
Date of commencement of studies	February 2023	Academic year of realisation of subject	2023/2024
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	Faculty of Mechanical Engineering and Ship Technology		
Name and surname of lecturer (lecturers)	Subject supervisor		
	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	30.0	470.0	500

Subject objectives	Preparation, by the student, of the Master thesis on the subject and scope defined by the thesis supervisor

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_U01] is able to acquire information from the literature, data bases and other properly selected sources, including English ones (or other foreign language recognised as international communication language in mechatronics); is able to integrate acquired information, interpret and critically evaluate them, draw and formulate conclusions and justified opinions, also with the use of modern techniques, e.g. IT	Student makes critical review of the literature and solutions in the area of his thesis subject, using publications in polish and other languages. Student prepares oral presentation of his work.	[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information
[K7_U82] is able to proficiently obtain and process information related to field of study and academic environment in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR)	Student acquires information and data from literature and other sources in the foreign language	[SU2] Assessment of ability to analyse information
[K7_U10] is able - according to a given specification and taking into consideration non-technical aspects - to design or modify non-stationary mechatronic system or process, calculate costs of design and development and perform the project - at least partially - utilising techniques of mechatronics design	Student prepares his diploma thesis. Organises his work. Performs, with the use of appropriate tools, necessary models, calculations, research, analysis and comparisons.	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task
[K7_W08] has a knowledge essential for understanding social, economic, law and non-technical aspects of enginnering and include it in engineering practice	Student is able to take non-technical aspects of the project into account during preparing him diploma thesis.	[SW3] Assessment of knowledge contained in written work and projects
[K7_U05] is able to formulate and test hypothesis concerning problems of nonstationary systems and processes and simple research problems	Student prepares his diploma thesis. Formulates its thesis or hypothesis, properly verifies and justifies it.	[SU1] Assessment of task fulfilment

Subject contents

Rules and requirements for preparing master diploma thesis. Realisation of the thesis under supervision of the thesis supervisor, according to the scope and subject of the thesis. Editorial preparation of the thesis for publication. Consultations with supervisor and, if needed, with other experts. Preparation of the 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
Diploma thesis assessemnt	56.0%	100.0%

Recommended reading

Basic literature	Literature positions corresponding to the diploma thesis subject
Supplementary literature	Literature positions corresponding to the diploma thesis subject.
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed

Current lists of questions for diploma exam, specific to the study speciality, are available at the Faculty website.

Work placement

Not applicable