GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Team project, PG_00059371		
Field of study	Mechanical Engineering		
Date of commencement of studies	February 2024	Academic year of realisation of subject	2024/2025
Education level	second-cycle studies	Subject group	Optional subject group
Mode of study	Part-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	4.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Manufacturing and Production Engineering -> Faculty of Mechanical Engineering and Ship Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Stefan Dzionk	
	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	18.0	0.0	18
	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	18	8.0	74.0	100

Subject objectives	The aim of the course is to prepare students to work in a team in which there are prepared technological and design tasks. Each student carries out a specific task consulting with other team members changing assumptions and other input data.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_U08] is able to design a procedural equipment or device compliant with the specifications using a design aid system in the form of a design documentation, selecting the appropriate model, performing critical analysis with the proper selection of tools and technologies	The student develops technological-construction documenation using available tools and techniques.	[SU4] Assessment of ability to use methods and tools
[K7_K04] is able to establish professional contacts and is able to lead and work in a team assuming various roles in the team; is able to show resourcefulness and innovation when realizing professional projects	The student works in a team and communicates with others members of the team in the aim of exchange of technical information and seeking new solutions to realizing desing tasks.	[SK1] Assessment of group work skills
[K7_U01] is able to acquire information from specialist literary sources and other sources regarding the construction and operation of machines and related disciplines in polish and in a foreign language, is able to conduct a self-learning process, is able to synthesize the information, form conclusions and justify opinions	The student searches and analyzes the scientific literature relevant to the task. The student analyzes existing technical solutions in terms of their usefulness.	[SU2] Assessment of ability to analyse information
[K7_K01] is aware of the need for complementing the knowledge throughout the whole life, is able to select proper methods of teaching and learning	The student finds and completes the knowledge necessary to complete the selected task.	[SK2] Assessment of progress of work
[K7_U04] is able to prepare and present a presentation of a solution of a construction or technological task and results of performed experiments including the analysis of the results and possible changes in Polish or in a foreign language, is able to organize and manage the work of a team, directing the tasks	The student presents a design and technology study for a selected problem together with an analysis of its usefulness and modernity.	[SU1] Assessment of task fulfilment

Subject contents

Definition of the problem. Solution of the engineering task utilizing the actual general and specialist knowledge. Use of contemporary engineering tools including computational techniques for solving the problem. presentation of the results.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Assessment of the work	60.0%	100.0%

Recommended reading

Basic literature	Bibliography advised by the project supervisor.
Supplementary literature	As above
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed

Development of construction-technological documentation of production equipment.Developing the construction-technological documentation of production tools such as injection moulds, punching dies and others.Developing the construction-technological documentation of the selected fragments of the production line.

Work placement

Not applicable