GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Engineering Diploma Project, PG_00064156		
Field of study	Mechanical and Medical 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	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	Division of Machine Design and Medical Engineering -> 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. Szymon Grymek	
	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	25.0	375.0	400

Subject objectives

Preparation by the student of an engineering diploma project with a topic and scope defined by the thesissupervisor.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K01] knows his/her proficiencies and his/her limitations in performing professional tasks, he/she is aware of needing to improve his/her skills through the whole life, he/she has entrepreneurship and innovation skills, he/she is aware of engineering skills from the society point of view	The student independently prepares an engineering diploma project with the aim of its innovation and usefulness.	[SK5] Assessment of ability to solve problems that arise in practice [SK2] Assessment of progress of work
[K6_U06] can identify and formulate specifications for simple practical engineering tasks, and critically analyze existing technical solutions, evaluating their functionality, particularly in the context of designing mechanical and medical-mechanical devices	The 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_U01] is able to acquire knowledge and self-studying, he/she is able to find needed information in specialist books, databases and other sources, he/she is able to integrate information and draw conclusions, he/she is able to communicate by using different technics in work and outside	The student prepares a critical review of literature and solutions related to the topic of the work using publications in Polish or a foreign language.	[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information
[K6_U02] is able to prepare design and technology documentations, present results of engineering tasks in both Polish and a foreign language	The student independently prepares an engineering diploma project in accordance with formal and editorial guidelines.	[SU5] Assessment of ability to present the results of task

Subject contents

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">Registration for the diploma semester.</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Yhe engineering diploma project</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Literature consistent with the topic of the work.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Literature consistent with the topic of the work.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">Current list of questions for the diploma examination, appropriate for a given specialization, is available on the Faculty's website.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="3">Not applicable</td></tr>
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