GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	BSc Diploma Project, PG_00060470		
Field of study	Mechanical and Naval Engineering		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2028/2029
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 -> Wydziały Politechniki Gdańskiej		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Waldemar Karaszewski	
	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	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.	[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
[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_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.	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
[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.	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools

Subject contents

Carrying out the work under the supervision of the Supervisor in accordance with the defined scope and topic. Editorial preparation of the work content for its publication. Consultation of the project with the Supervisor and, if necessary, other experts. Preparation of a multimedia presentation.

Prerequisites and co-requisites

Registration for the diploma semester.

<table>
<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>Evaluation of the engineering diploma project</td><td>56.0%</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">Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">Current lists of diploma examination questions appropriate to a given specialization are available on the Facultys website.</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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