GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Master thesis, PG_00057412		
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	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		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Michał Wodtke	
	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	40.0	460.0	500

Subject objectives

Preparation by the student of a Master's thesis on a topic and scope defined by the Thesis Supervisor.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K03] understands the importance of the necessity of solving dilemmas connected with practicing a profession and providing safe working conditions in manufacturing processes and in operation of machines and devices	The student can make an appropriate choice of techniques in carrying out the assigned task, taking into account the various aspects of the engineer's work.	[SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice
[K7_U06] when solving engineering problems on design, technology and operation of machines is able to assess and classify typical methods and tools, define systemic and ex-technical aspects using modern calculating methods and design tools or modifying the current ones	The student, when solving the problem posed in the thesis, is able to select appropriate methods and tools typical for mechanical engineering.	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
[K7_U03] is able to prepare construction, technological and operational documentation in compliance with appropriate standards, including technical drawings in CAD 2D and 3D systems	The student is able to document the proposed solution of a solved problem in the form of documentation appropriate to the specific branch of activity.	[SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task
[K7_K02] correctly identifies professional problems and is able to define the priorities and hierarchy using knowledge in solving problems	Using the acquired knowledge, the student is able to evaluate the expected problems in solving the task and indicate their importance.	[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness

Subject contents

Principles and requirements for the Master's thesis. Implementation of the thesis under the supervision of the supervisor according to the defined scope and topic. Editorial preparation of the thesis content for 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="2"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Evaluation of the thesis</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>Literature specific to the subject of the work.</td></tr>
<tr><td>Supplementary literature</td><td>Literature specific to the subject of the work.</td></tr>
<tr><td>eResources addresses</td><td>Podstawowe
https://enauczanie.pg.edu.pl/moodle/ - Addresses on the eNauczanie (eLearning) platform
Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Current lists of questions for the diploma examination, specific to the specialisation, are available on the Faculty website.</td></tr>
<tr><td>Work placement</td><td colspan="2">Not applicable</td></tr>
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