



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.						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Evaluation of the thesis	56.0%	100.0%
Recommended reading	Basic literature	Literature specific to the subject of the work.	
	Supplementary literature	Literature specific to the subject of the work.	
	eResources addresses	Podstawowe https://enauczanie.pg.edu.pl/moodle/ - Addresses on the eNauczanie (eLearning) platform Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Current lists of questions for the diploma examination, specific to the specialisation, are available on the Faculty website.		
Work placement	Not applicable		

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