



Subject card

Subject name and code	Master thesis, PG_00057470						
Field of study	Mechanical Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
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	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						
	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_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 prepares a critical review of the literature related to the topic of the thesis and, on this basis, evaluates possible ways of solving the given problem.			[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task		
	[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 prepares relevant technical documentation using appropriate engineering tools as part of the solution to the task set in the thesis.			[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K7_K02] correctly identifies professional problems and is able to define the priorities and hierarchy using knowledge in solving problems	The student, on the basis of a critical review of the literature, correctly identifies the problems to be solved and proposes an appropriate way of solving them.			[SK4] Assessment of communication skills, including language correctness		
	[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 take into account aspects related to safe working conditions and performance when solving technical problems, in particular those posed in the work.			[SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice		
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 in the area of the thesis subject.
	Supplementary literature	Literature in the area of the thesis subject.
	eResources addresses	Podstawowe https://enauczanie.pg.edu.pl/moodle/ - Addresses on the eNauczanie platform: Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Current lists of questions for the diploma examination, specific to the specialization, are available on the Faculty website.	
Work placement	Not applicable	