



Subject card

Subject name and code	Master's thesis, PG_00064735						
Field of study	Management and Production Engineering						
Date of commencement of studies	February 2026		Academic year of realisation of subject		2026/2027		
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 Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology -> Wydziały Politechniki GdańskieJ						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Stefan Dzionk				
	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		30.0		470.0	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_K11] is aware of importance of professional acting, the need for critical verification of acquired knowledge and consulting experts opinion in case of facing difficulties with individual problem solving		When preparing work, the student demonstrates a critical attitude towards the own knowledge, is aware of its supplementation and updating, uses the help of experts in the event of difficulties in completing tasks.		[SK5] Assessment of ability to solve problems that arise in practice [SK2] Assessment of progress of work		
	[K7_W04] demonstrates knowledge covering selected issues in the field of advanced detailed knowledge, in particular in the field of methods, techniques, tools and algorithms used in production management and control processes as well as in the design of technological processes		The student prepares a diploma thesis using appropriate techniques and tools, applying necessary models, making necessary: calculations, research and comparative analyses. The methods and tools used are described in the diploma thesis.		[SW3] Assessment of knowledge contained in written work and projects		
	[K7_U12] dvelops her/his own potential and independently plans own, lifelong learning, while also being able to guide others in this regard		The student presents an overview of existing solutions, techniques and technologies related to the subject of the work, demonstrates the ability to critically analyze the presented materials and uses appropriate techniques and tools to accomplish the assigned task. The student demonstrates the ability to present the results of one's own work in a way that is understandable to those around.		[SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task		
Subject contents	Rules and requirements for a Master's thesis. Realization of the work under the supervision of the supervisor in accordance with the defined scope and topic. Editorial preparation of the content of the work 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.						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		56.0%	100.0%
Recommended reading	Basic literature	Literature consistent with the topic of the work, initially according to the indications of the thesis supervisor, then developed through an independent review of sources by the diploma student.	
	Supplementary literature	Literature consistent with the topic of the work, initially according to the indications of the thesis supervisor, then developed through an independent review of sources by the diploma student.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Current lists of questions for the diploma examination, appropriate to a given specialization, are available on the Faculty of ME&ST website.		
Work placement	Not applicable		

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