



## Subject card

Subject name and code	Diploma seminar, PG_00055265						
Field of study	Management and Production Engineering						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2024/2025		
Education level	first-cycle studies	Subject group			Optional subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	4	Language of instruction			Polish		
Semester of study	7	ECTS credits			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Manufacturing and Production Engineering -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Mariusz Deja				
	Teachers		dr hab. inż. Mariusz Deja				
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	15.0	15
	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	15		36.0		49.0	100
Subject objectives	Preparing students to independently solve complex design tasks, technological, operational, organizational, experimental research or creative study and using knowledge and expertise.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U05] is able to prepare and present a presentation on the results of analysis of the tasks in the area of production engineering, is able to plan and carry out experiments, measurements, computer simulations and analyses and interpret the results and draw conclusions is able to use analytical methods, simulation and experiments for formulating and solving problems associated with production engineering	Preparation of the presentation	[SU5] Assessment of ability to present the results of task
	[K6_U01] can find the necessary information in professional literature, databases and other sources, knows basic scientific and technical journals in the field of production management, quality and operation management, can integrate the obtained information, formulate conclusions and justify opinions	Critical analysis of the literature related to the subject of the thesis	[SU4] Assessment of ability to use methods and tools
	[K6_U07] is able to conduct a preliminary economical analysis of undertaken engineering activities, is able to can conduct a critical analysis and evaluation of existing production processes and courses of selected sections of manufacturing systems, is able to identify the needs of the application of technical solutions for automation and / or robotization production stations and formulate the specifications of the resulting benefits and limitations	Economic analysis of the proposed solutions	[SU3] Assessment of ability to use knowledge gained from the subject
	[K6_U04] is able to develop documentation in the area of preparation, implementation and control of production processes in Polish and in a foreign language considered basic for scientific fields, is able to identify and formulate the basic objectives of quality management in the product life cycle, is able to use information and communication techniques appropriate to the implementation of tasks typical in engineering activities including preparation, production and supervision of the manufacturing process	Using IT tools in Polish and foreign languages used in production engineering	[SU1] Assessment of task fulfilment
	[K6_K01] feels the need for self-realization by learning throughout life, is looking for modern and innovative solutions in their actions, is able to think creatively and act in an entrepreneurial way	Taking into account economically justified solutions	[SK4] Assessment of communication skills, including language correctness
Subject contents	Oral presentation for a given topic, related to the diploma work. Written elaboration of the presentation.		
Prerequisites and co-requisites	Knowledge and skills gained on a given branch of studies.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Semester/diploma dissertation	60.0%	100.0%

Recommended reading	Basic literature	Literature adequate for realisation of individual diploma  Order of the Rector of the Gdańsk University of Technology No 17/2014 from 1 April 2014, on: implementation of the guidelines and editorial requirements for authors thesis or diploma projects carried out at the Gdansk University of Technology
	Supplementary literature	Literature adequate for realisation of individual diploma
	eResources addresses	Adresy na platformie eNauczanie: Seminarium dyplomowe (PG_00055265), ZiIP, s. 7, r. ak. 2024/25 zimowy - Moodle ID: 42362 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=42362">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=42362</a>
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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