

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Work placement, PG_00055474								
Field of study	Mechatronics								
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			6.0			
Learning profile	general academic profile		Assessment form			assessment			
Conducting unit	Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Techr					chnology			
Name and surname	Subject supervisor	dr inż. Michał Mazur							
	Teachers	1	Testavial		Desire				
Lesson types and methods of instruction	Number of study	0.0	0.0	0.0	0.0	t	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		4.0		146.0		150	
Subject objectives	practical tasks. Identification of purpose machines and production equipment. Knowing, handling and performance of professional activities using tools, devices and technological equipment. Analysis of circulation of documents and information flow within the company. Technical project (structural, technological, organizational or business). Gathering material for the thesis. The acquisition of basic skills and professional competence.								
Learning outcomes	Course outcome		Subject outcome		Method of verification				
	[K6_U07] is able to design elements of mechatronic systems taking into consideration given application and economic criteria, using appropriate methods, techniques and tools		can - in accordance with the given specification - design, estimate costs and implement a simple device, object, system or process, typical for mechatronics, using appropriate methods, techniques and tools			[SU4] Assessment of ability to use methods and tools			
	[K6_K02] is aware of social role of the technical university alumni, the importance of professional attitudes, obeying ethic rules with respect to diverse point of views and cultures, understands the need for permanent self-learning		is aware of the social role of a mechatronics graduate, the importance of behaving in a professional manner, observing the rules of professional ethics, respecting the diversity of views and cultures, understands the need and knows the possibilities of continuous training			[SK1] Assessment of group work skills			
	[K6_U08] is able - according to a given specification - design, calculate costs and develop a simple device, object, system or process typical for mechatronics, using approproate methods, techniques and tools		can - in accordance with the given specification - design, estimate costs and implement a simple device, object, system or process, typical for mechatronics, using appropriate methods, techniques and tools		[SU4] Assessment of ability to use methods and tools				
	[K6_U11] is able to evaluate usefulness of methods and tools to solve simple, practical engineering task, distinctive for mechatronics and is able to choose the proper method and tools		is able to choose and apply the appropriate method and tools to solve an engineering task of a practical nature, characteristic for mechatronics is able to choose and apply the appropriate method and tools to solve an engineering task of a practical nature, characteristic for mechatronics			[SU4] Assessment of ability to use methods and tools			

Subject contents	Framework program of practices: 1. Introductory classes - presentation of the company, objectives and program practices, health and safety training, and download personal protection. 2. Work in selected department business - tasks and organization of the faculty, department of production machinery, production processes and technologies, system of organization department, making and workflow, production, materials management in the enterprise, heat treatment, thermo-chemical and diffusion, modification or development project technical (technological) or business, engineering and technological equipment, production materials, maintenance of production equipment, measurement, diagnostic, laboratory systems, computer-aided engineering, automation and computer-aided manufacturing and services, exploitation service and repair of production equipment, maintenance , Customer Service. Design, construction and repair of mechatronic systems. 3. Completion of practice - performance report (reports) from the practice, the execution of formalities relating to the completion and cash on practice.					
Prerequisites and co-requisites						
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade			
	Certificate of completion of practice or other documents proving it.	100.0%	70.0%			
	Report - pass of practice (conversation)	100.0%	15.0%			
	Practical placement - student's file	100.0%	15.0%			
Recommended reading	Basic literature Is not specified.					
	Supplementary literature	Is not specified.				
	eResources addresses	ses Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Possible topics / questions / tasks performed:1. Design of technological processing machine parts.2. The project mechatronic devices.3. Knowledge of the construction and maintenance of machinery manufacturing technology controlled mechatronic device.4. Maintenance and repair of production equipment or mechatronics.					
Work placement	Not applicable					

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