

GDAŃSK UNIVERSITY

Subject card

Subject name and code	Supervising safety in the company, PG 00059513							
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					
Mode of study	Part-time studies		Mode of delivery			at the university		
Year of study	1		Language of instruction			Polish		
Semester of study	2		ECTS credits			2.0		
Learning profile	general academic profile		Assessme	ent form		assessment		
Conducting unit	Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology							
Name and surname of lecturer (lecturers)	Subject supervisor Teachers	dr inż. Sławomir Szymański						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM
	Number of study hours	18.0	0.0	0.0	0.0		0.0	18
	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	18		0.0		0.0		18
Subject objectives	Acquiring knowledge determine the degree workplace							

earning outcomes Course outcome		Subject outcome	Mathed of varification		
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	Subject outcome The student is able to assess the risks at the workplace. Student can assess the degree of risk workplace. The student can apply legal standards to creating jobs.	Method of verification [SK2] Assessment of progress of work		
	[K7_W11] possesses organized knowledge useful in understanding ex-technical conditioning connected with performing the profession of an engineer and taking it into consideration in engineering practice; possesses well- established knowledge within the range of intellectual property, management and organization of manufacturing processes, including the management and life- cycle of a product	The student has knowledge of safety and legal standards on risk assessment and security at the post The student knows how develop a safety plan in the enterprise industrial.	[SW1] Assessment of factual knowledge		
	[K7_K02] correctly identifies professional problems and is able to define the priorities and hierarchy using knowledge in solving problems	The student is able to assess the threats at the workplace. Student is able to assess the degree of risk on the workplace. The student knows howapply legal norms to creating jobs.	[SK2] Assessment of progress of work		
	[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 do it in the event of an accident implement a protection system the employee against the threat.	[SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	Functional safety and work safety.Hu maintaining safety at work.Methods N-18000: three-stage andfive-stage, of a security plan in an industrial ent planning, organizing,motivating and enterprise. Building a management s increasing safety in the enterprise.IT documentation.	of occupational risk assessment in in Risk Score method, accident risk as erprise Management functions in rela controlling Safety management and systemwork safety in the enterprise.	dustry: methods according to PN- sessment proceduresDevelopment ation to safety in the enterprise: quality management in an Drganizational methods of		
Prerequisites and co-requisites					
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade		
	test	60.0%	100.0%		
Recommended reading	Basic literature	1. Lis T., Nowacki K.: Zarządzanie bezpieczeństwem w zakładzieprzemysłowym, Wydawnictwo Politechniki Gliwickiej, Gliwice 20052. Karczewski J.T.: Systemy zarządzania bezpieczeństwem pracy.ODDK Gdańsk 2001			

	Supplementary literature	1. Kosiński R., Grabowski A. "Zastosowanie sztucznych komórkowychsieci neuronowych w inteligentnychsystemach bezpieczeństwa", CiOP-PIB 20082. Strawiński T. "Zapewnienie bezpieczeństwa użytkowania maszynmetodami sterowania", CiOP-PIB 20083. Korzeniowski L F. Podstawy nauk o bezpieczeństwie. Zarządzaniebezpieczeństwem, Wyd. Difin, Warszawa 2012			
	eResources addresses	Adresy na platformie eNauczanie:			
Example issues/ example questions/ tasks being completed	1. Determine occupational risks using the Risk score method for a selected workplace (e.g. milling machineoperator)2. List the dangers at the selected workplace (e.g. welder's position)3. List and characterize the basic methods of risk assessment in the position.4. List and characterize the sources of threats in a selected industry or in a selected process.5. Characterize the levels and areas of systemic safety management for the selected oneposition or process.				
Work placement	Not applicable				