

关。GDAŃSK UNIVERSITY 多 OF TECHNOLOGY

Subject card

Subject name and code	, PG_00054586								
Field of study	Engineering Management								
Date of commencement of studies	October 2021		Academic year of realisation of subject			2023/2024			
Education level	first-cycle studies		Subject group			Optional subject group Subject group related to scientific research in the field of study			
Mode of study	Full-time studies		Mode of delivery			at the university			
Year of study	3		Language of instruction			Polish			
Semester of study	6		ECTS credits			3.0			
Learning profile	general academic profile		Assessment form			exam			
Conducting unit	Katedra Inżynierii Zar	nierii Zarządzania i Jakości -> Faculty of Management and Economics							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Ewa Marjańska						
	Teachers		dr inż. Ewa Marjańska						
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Project Semin		Seminar	SUM	
of instruction	Number of study hours	15.0	0.0	30.0	0.0		0.0	45	
	E-learning hours inclu	uded: 0.0					1		
Learning activity and number of study hours	Learning activity	Participation in classes includ		Participation in consultation hours		Self-study		SUM	
	Number of study hours	45		4.0		26.0		75	
	eliminate key challenges in production processes. The aim of the theoretical material (lectures) is to familiarize students with the problems that arise inproduction processes and how the presented tools help in solving themThe aim of the exercises is to support students in developing skills and using various toolsprocesses and situations.								
Learning outcomes	Course outcome		Subject outcome			Method of verification			
	[K6_W13] has a basic knowledge of the design, modelling and optimisation of technical processes and systems		The student has basic knowledge of scope of application of tools Lean Manufacturing to be eliminated key process challenges production.			[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects			
	[K6_U08] analyses engineering and managerial solutions in decision-making processes, taking into account pro-quality and pro- environmental aspects, as well as safety of work processes		The student is able to design solutions using indicated methods and tools Lean Manufacturing.			[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools			
Subject contents	1. Basic concepts rel eliminating waste4. G organization of suppl changeover times9. F changes in processes	Semba Walk - io ying materials t Kamishibai - lay	dentifying probl o stations7. Po	lems in proces oka-yoke - right	ses5. Si t the firs	andard t time8.	ization of wor SMED - sho	⁻ k6. Milk run - rtening	

Prerequisites and co-requisites	The student should complete the subject of Production Management;						
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade				
and criteria	mini projects	60.0%	60.0%				
	exam	60.0%	20.0%				
	passing an e-learning course	75.0%	10.0%				
	activity and punctuality	70.0%	10.0%				
Recommended reading	Basic literature	agement Principles from the World's ffrey Liker. aste and Create Wealth in Your mack, Daniel T. Jones. d: A Plain-Language Guide to the duction System" Pascal Dennis.					
	Supplementary literature	Seria książek Shopfloor wydawnictwa Productivity Press					
	eResources addresses	Podstawowe https://enauczanie.pg.edu.pl/moodle/course/view.php?id=35037 - E- nauczanie course Adresy na platformie eNauczanie:					
Example issues/ example questions/ tasks being completed	Use the tool in relation to the given problem in the form of a case study						
Work placement	Not applicable						