



Subject card

Subject name and code	Team project, PG_00055254						
Field of study	Management and Production Engineering						
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		
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		4.0		
Learning profile	general academic profile		Assessment 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		dr inż. Jacek Haras				
	Teachers		dr inż. Jacek Haras				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	30
	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	30		25.0		45.0	100
Subject objectives	Verification of the ability to use the acquired knowledge to solve a given problem in the areas of welding technologies.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U02] has the ability of self-learning and expanding knowledge in a specialized field of engineering production		Designs simple structures or segments of the technological process.		[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools		
	[K6_U03] is able to communicate using various techniques in the professional environment and other environments, has language skills enabling free communication in the field of technical sciences related thematically to management and production engineering		The student is able to prepare documentation of the performed task and carry out appropriate calculations and simulations.		[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[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		The student works in a team, is able to communicate effectively with other team members in the scope of the current task implementation.		[SK3] Assessment of ability to organize work [SK1] Assessment of group work skills		
	[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		The student is able to determine the optimal ranges of the significant variables of the process with the use of available engineering tools		[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools		
Subject contents	Solution in groups of an analytical or construction task in the scope set by the tutor						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	56.0%	100.0%
Recommended reading	Basic literature	Literature selected individually by the tutor based on the subject and scope of the project.	
	Supplementary literature	Literature selected individually by the tutor based on the subject and scope of the project.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Welding technology design. Welded structure design. Analytical methods of assessing the weldability of metals.		
Work placement	Not applicable		