



## Subject card

Subject name and code	Team Project, PG_00055511						
Field of study	Mechanical Engineering						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2026/2027		
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 hab. inż. Dariusz Fydrych					
	Teachers						
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		22.0		48.0	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_U03] is able to identify, formulate and develop the documentation of a simple design or technological task, including the description of the results of this task in Polish or in a foreign language and to present the results using computer software or other aiding tools	The student is able to prepare documentation of the performed task and carry out appropriate calculations and simulations.	[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject
	[K6_U01] is able to acquire information from specialized literary sources, databases and other resources, essential for solving engineering tasks; is able to compile the obtained information pieces and to interpret them, additionally is able to form conclusions and present justified opinion	Designs simple structures or segments of the technological process.	[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information
	[K6_U02] is able to work in a team and individually, also in multi-disciplinary teams, is able to draw a plan of completing a construction or technological design, shows self-learning abilities	The student is able to determine the optimal ranges of the significant variables of the process with the use of available engineering tools.	[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information
[K6_K01] is aware of the need for complementing the knowledge throughout the whole life, is able to select proper methods of teaching and learning, critically assesses the possessed knowledge; is aware of the importance of professional conduct and following the rules of professional ethics; is able to show resourcefulness and innovation in the realisation of professional projects	The student works in a team, is able to communicate effectively with other team members in the scope of the current task implementation.	[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness	
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		