



Subject card

Subject name and code	Methodology of teamwork, PG_00040179						
Field of study	Mechanical Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2027/2028	
Education level	first-cycle studies	Subject group				Obligatory subject group in the field of study	
Mode of study	Full-time studies	Mode of delivery				at the university	
Year of study	2	Language of instruction				English	
Semester of study	4	ECTS credits				1.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Division of Materials Science and Technology -> Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Krzysztof Krzysztofowicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	8.0	0.0	0.0	0.0	7.0	15
	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	15		3.0		7.0	25
Subject objectives	The aim of the course is to learn the principles of teamwork and the acquisition of basic skills in the field organization and preparation of team work and the use of basic teamwork techniques.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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		Can work in a team and individually, also in teams multidisciplinary		[SU1] Assessment of task fulfilment		
	[K6_W12] possesses basic knowledge necessary to understand the ex-technical conditions of engineering activity, possesses basic knowledge on management, including quality management and running commercial enterprise, within the range of protection of intellectual property and patent law; knows general principles of creating and developing forms of individual entrepreneurship and basic HSE rules applicable to machine industry		has the necessary knowledge and knows general knowledge rules		[SW2] Assessment of knowledge contained in presentation		
	[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		Knows the level of competence and has awareness of necessity replenishing knowledge		[SK1] Assessment of group work skills		

Subject contents	<p>Course content – lecture</p> <p>Definition and goals of creating teams. Principles of creating teams. Typical team components. Advantages and disadvantages teamwork. Teamwork techniques.</p> <p>Division of work among team members. Choosing a leader. Defining the way of discussion and selection the best concepts. Adopt a team project plan. Develop a schedule. Term necessary resources and how to obtain them. Project implementation method. Development of a project documentation method. Protection of intellectual property. Ways of assessing the contribution and quality of work performed by team members. Ways of presenting solutions. Assessment methods.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Team work assesment and colloquim	50.0%	100.0%
Recommended reading	Basic literature	<p>1. Eduardo Salas Developing and Enhancing Teamwork in Organizations: Evidence-based Best Practices and Guidelines ISBN-13: 978-1118145890</p> <p>2. Jon Gordon The Power of a Positive Team: Proven Principles and Practices that Make Great Teams Great</p> <p>3. John C. Maxwell The 17 Essential Qualities of a Team Player: Becoming the Kind of Person Every Team Wants</p>	
	Supplementary literature	<p>1. Michael G. Rogers You Are The Team: 6 Simple Ways Teammates Can Go From Good To Great</p> <p>2. Sean Glaze: Rapid Teamwork: 5 Essential Steps to Transform Any Group into a GREAT Team Oakwind Books 2015</p>	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<p>1. Team goals</p> <p>2. How the team is organized.</p> <p>3. Advantages and disadvantages of teamwork.</p> <p>4. Methods of team work</p>		
Practical activites within the subject	Not applicable		

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