



Subject card

Subject name and code	Methodology of teamwork, PG_00039891						
Field of study	Mechanical Engineering, Mechanical Engineering						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023		
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	3	Language of instruction			Polish		
Semester of study	5	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Materials Engineering and Bonding -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Krzysztof Krzysztofowicz					
	Teachers	dr inż. Krzysztof Krzysztofowicz					
Lesson types and methods of instruction	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	4.0		6.0	25	
Subject objectives	The aim of the course is to learn the principles of teamwork and to acquire basic skills in the organization and preparation of team work and the application of basic teamwork techniques.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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 the general 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 competency level and has awareness about knowledge updating		[SK3] Assessment of ability to organize work		
	[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		Ability to work in team and individually in interdisciplinary teams		[SU1] Assessment of task fulfilment		

Subject contents	Definition and goals of creating teams. Principles of creating teams. Typical team components. Advantages and disadvantages of teamwork. Teamwork techniques. Division of work among team members. Choosing a leader. Defining the way of discussing and selecting the best concepts. Adopt a team project plan. Develop a schedule. Determining the 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.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Assessment of team work and preparation of a team project	50.0%	100.0%
Recommended reading	Basic literature	<p>Kalin K., Muri P., <i>Kierować sobą i innymi</i>, Wydawnictwo Profesjonalnej Szkoły Biznesu, 1996.</p> <p>Steward M. (red.), <i>Praktyka kierowania</i>, PWE, Warszawa 2002.</p> <p>Ward M., <i>50 najważniejszych problemów zarządzania</i>, Wydawnictwo Profesjonalnej Szkoły Biznesu, 1995.</p> <p>Aronson E., Wilson T.D., Akert R.M.: <i>Psychologia społeczna. Serce i umysł</i>. Zysk i S-ka, Warszawa 1997.</p> <p>Deal T.E., Kennedy A.A., <i>Corporate Cultures: The Rites and Rituals of Corporate Life</i>. Addison-Wesley Publ. Co. 1982.</p> <p>Katzenbach J.R., Smith D.K.: <i>Siła zespołów. Wpływ pracy zespołowej na efektywność organizacji</i>. Oficyna Ekonomiczna, Kraków 2001.</p>	
	Supplementary literature	http://nf.pl/manager/motywacyjne-aspekty-pracy-w-zespole..15555.54 http://gawedama.republika.pl/mg/pr_ze.html	
	eResources addresses	<p>Adresy na platformie eNauczanie:</p> <p>Metodologia Pracy Zespołowej, W, MiBM, sem.05, zimowy 22/23 - Moodle ID: 26518 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=26518</p> <p>Metodologia Pracy Zespołowej, W, MiBM, sem.05, zimowy 22/23 - Moodle ID: 26518 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=26518</p>	
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. Team goals 2. How the team is organized. 3. Advantages and disadvantages of teamwork. 4. Methods of team work 		
Work placement	Not applicable		