



## Subject card

Subject name and code	Team Project I, PG_00059054						
Field of study	Materials Engineering, Materials Engineering, Materials Engineering						
Date of commencement of studies	October 2022	Academic year of realisation of subject				2024/2025	
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	5	ECTS credits				2.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Electrochemistry, Corrosion and Materials Engineering -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Kazimierz Darowicki				
	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		2.0		18.0	50
Subject objectives	Understands the corrosion problem Group work						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	K6_U10		Students in the group Can analyze corrosion damage			[SU4] Assessment of ability to use methods and tools	
	K6_W07		Student is able to identify construction materials			[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects	
	K6_U11		Student knows safety rules			[SU3] Assessment of ability to use knowledge gained from the subject	
Subject contents	Group analysis of corrosion cases						
Prerequisites and co-requisites	students in the group have knowledge of corrosion processes						
Assessment methods and criteria	Subject passing criteria		Passing threshold			Percentage of the final grade	
			60.0%			100.0%	
Recommended reading	Basic literature		S.L. Chawla, R.K. Gupta, Corrosion Control, ASM International 1993				
			M.F. Ashaby, D.R.H Jones, Engineering Materials, Elsevier 1990				
			D.R.H. Jones, Failure Analysis, Elsevier 2001				
	Supplementary literature		e-corrosion library				
	eResources addresses		Adresy na platformie eNauczanie:				

Example issues/ example questions/ tasks being completed	coatings  electrochemical protection  Ohm's law
Work placement	Not applicable

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