

Subject card

Year of study Semester of study Learning profile General academic profile Assessment form Assessment form Assessment form Assessment form Bepartment of Electrochemistry, Corrosion and Materials Engineering -> Faculty of Profice of Individual Subject supervisor Teachers Lesson types and methods of instruction Lesson types and methods of instruction Learning activity And number of study hours E-learning hours included: 0.0 Learning activity And number of study hours Learning activity And number of study hours Department of Electrochemistry, Corrosion and Materials Engineering -> Faculty of Individual Subject Individual Indivi	e university h ssment			
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K6_K03 The student is able to perform basic works related to the protection of building materials against corrosion and independently makes decisions about the choice of the protection method. K6_W05 The student is able to use the acquired knowledge to select appropriate building materials. K6_U09 The student knows the methods of environmental corrosivity assessment. Is able to apply appropriate building materials or an appropriate corrosion The student knows the methods of environmental corrosivity appropriate building materials or an appropriate corrosion SK3] As or solve propriative protection independently makes decisions about the choice of the protection independently makes decisions appropriate building materials. SK2] As work The student knows the methods of environmental corrosivity analyse is use known an appropriate corrosion.	ditions. Kinetic co	onditions		
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	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools			
its solutionsCorrosion processes kinetics: E=f(I) diagrams, corrosion processes of corrosion: general, pitting, selective, intergranular, crevice, stress corrosion and street corrosion-erosion, cavitationCorrosion occuring conditions (practical examples). description and visualization of fatigues. Laboratory: 1.Introduction and safety. 2.To				
Prerequisites Chemical thermodynamics and co-requisites				
		nal grade		
and criteria Written exam 60.0% 50.0%	ercentage of the fi			
Laboratory 60.0% 50.0%		50.0%		
Recommended reading Basic literature http://www.korozja.pl	6	http://www.korozja.pl		
Supplementary literature No requirements	6			
eResources addresses Adresy na platformie eNauczanie:	6			

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Example issues/ example questions/ tasks being completed	1-Types of corrosion?
	2- Structure of construction materials?
	3-Characteristics of corrosive environments?
Work placement	Not applicable

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