



Subject card

Subject name and code	, PG_00059518						
Field of study	Mechanical Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group					
Mode of study	Part-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Zakład Siłowni Okrętowych -> Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Piotr Bzura				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	18.0	0.0	0.0	0.0	0.0	18
	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	18		0.0		0.0	18
Subject objectives	To acquaint students with the possibilities of cooperation connecting society with energy policy and technology concerning alternative energy sources						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_W11] possesses organized knowledge useful in understanding ex-technical conditioning connected with performing the profession of an engineer and taking it into consideration in engineering practice; possesses well-established knowledge within the range of intellectual property, management and organization of manufacturing processes, including the management and life-cycle of a product		The student has an organized knowledge of the impact of environmental policy on the energy sector		[SW1] Assessment of factual knowledge		
	[K7_K02] correctly identifies professional problems and is able to define the priorities and hierarchy using knowledge in solving problems		The student has an organized knowledge of the impact of environmental policy on the energy sector		[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment		The student has an organized knowledge of the impact of environmental policy on the energy sector		[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_K03] understands the importance of the necessity of solving dilemmas connected with practicing a profession and providing safe working conditions in manufacturing processes and in operation of machines and devices		The student has an organized knowledge of the impact of environmental policy on the energy sector		[SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	Social aspects of ecological energy. Development of renewable energy sources. Sociological aspects of energy. Society's attitude to the new energy culture. Social protests against energy investments						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		test	50.0%
Recommended reading	Basic literature	1. Energy and society: sociological aspects. Zbigniew Łucki, Władysław Misiak 2. Pro -ecological renewable energy sources: Composed. Witold Lewandowski, Ewa Klugmann-Radziemska	
	Supplementary literature	Renewable energy sources and pro -ecological vehicles. Grażyna Jastrzębska	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	1. Impact of ecological policy on energy 2. Liberalization of energy markets 3. Society's attitude to civilization threats		
Work placement	Not applicable		