



Subject card

Subject name and code	Cost accounting for engineers, PG_00056620						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			1.0		
Learning profile	practical profile	Assessment form			assessment		
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Anna Dembicka				
	Teachers		dr Anna Dembicka				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	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	2.0		8.0		25
Subject objectives	The aim of the course is to learn the principles of identifying, grouping, calculating and analyzing costs - necessary to evaluate the company's operations and make economic decisions.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_K02		Choosing the roles and tasks assigned to him, can act as a team in a practical and ethical manner.		[SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice [SK1] Assessment of group work skills		
	K6_W07		He understands the need for lifelong learning, primarily in order to improve his professional and personal competences, has the ability to self-educate and the ability to be interested in the issues of the economic dimension of engineering projects.		[SW1] Assessment of factual knowledge		
	K6_U07		Can use basic theoretical knowledge and make a preliminary economic analysis of engineering activities		[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		
Subject contents	the concept of costThe essence and role of cost accountingCost accounting models (full and variable)Criteria for classifying the company's own costsMeasurement, record, settlement and cost calculationGrouping of costs and their relation to the profit and loss accountActivity costing (ABC)Target cost accountingQuality cost accountingProduct Life Cycle CostingContinuous improvement costing (kaizen costing)Accountability						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	60.0%	100.0%
Recommended reading	Basic literature	<p>W. Gabrusewicz, Analiza finansowa przedsiębiorstwa. Teoria i zastosowanie, PWE, Warszawa 2014.</p> <p>E. Nowak, Analiza i kontrola kosztów przedsiębiorstwa, CeDeWu, Warszawa 2021.</p> <p>Analiza ekonomiczna w przedsiębiorstwie, red. nauk., M. Jerzemowska, PWE, Warszawa 2018.</p>	
	Supplementary literature	provided on an ongoing basis by the teacher	
	eResources addresses	<p>Adresy na platformie eNauczanie:</p> <p>Rachunek kosztów dla inżynierów, W, przedmiot humanistyczno-społeczny (wybieralny), sem. 01, zimowy 22/23 - Moodle ID: 25759 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=25759</p>	
Example issues/ example questions/ tasks being completed	fixed and variable costs, direct costs, expenditure, input, cost grouping, cost analysis, directions of improvement of solutions in the field of calculation and cost accounting		
Work placement	Not applicable		