GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Project 4, PG_00041790
Field of study	Ocean Engineering, Ocean Engineering

Date of commencement of studies	October 2020	Academic year of realisation of subject	2022/2023
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	6	ECTS credits	3.0
Learning profile	general academic 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 inż. Karol Niklas
	Teachers	mgr inż. Alicja Bera dr inż. Mohamed Behilil

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	5.0	40.0	75

Subject objectives	Elaboration of technological procedure for block of ship for paarticular shipyard

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_W05] has an organized knowledge on design, construction and operation of ocean technology objects and systems	Student presents systhematised knowledge on manufacturing processess in shipyard and is able to generate indyvidual project of block assembly	[SW1] Assessment of factual knowledge
	[K6_W06] has an organized knowledge on engineering methods and design tools allowing the conducting of projects within the construction and operation of ocean technology objects and systems	Student presents general knowledge on manufacturing processess in shipyard and is able to generate computer model of block	[SW2] Assessment of knowledge contained in presentation
	[K6_U06] in compliance with a formulated specification and with the aid of appropriate tools and methods, is able to complete a simple engineering task within the range of design, construction and operation of ocean technology objects and systems	Student is able to create 3D model as well as assembly drawings basing upon delivered documentation 2D	[SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task

Subject contents	Analysis of input data
	Creation of 3D model of block of ship with particular sructural and technological aspects
	Procedure for transport of block (additional stiffeners, hook handlers..etc.)
	Generation of completation list of assembled block

Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	50.0%	100.0%

Recommended reading	Basic literature	G. Farin, J. Hoschek, M. Kim: Handbook of computer aided geometric design, 2002 Elsevier,ISBN: 978-0-444-51104-1
	Supplementary literature	Solid Edge manual
	eResources addresses	Adresy na platformie eNauczanie: Praca projetkowa IV, P, Oce, lato 22/23 PG_00041790 - Moodle ID: 29066 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29066 Praca projetkowa IV, P, Oce, lato 22/23 PG_00041790 - Moodle ID: 29066 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29066

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable