GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Ship Production Setup, PG_00056430		
Field of study	Ocean Engineering		
Date of commencement of studies	October 2022	Academic year of realisation of subject	2024/2025
Education level	first-cycle studies	Subject group	
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	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Karol Niklas	
	Teachers	dr hab. inż. Karol Niklas	

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	15.0	50

Subject objectives

Target of classes is to familirise sudents with preperation of ship erection processes, especially with scope and content of its documentation, as fundamental for proper erection process performance.

During classes student on the base of literature study, standards as well as shipyard procedures elaborates set of basic technological documentation for selected structural element like panel.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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 formulate key topics for realised task and defines milestones for its realisation	[SU3] Assessment of ability to use knowledge gained from the subject
[K6_K03] understands non-technical aspects and effects of operation as an engineer, its influence on the environment and is aware of the responsibilities for the decisions taken	Student is able to asses of the environmental impact of technical activities	[SK5] Assessment of ability to solve problems that arise in practice
[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 recognizes and knows issues and physical processes in relations to deigned object	[SW1] Assessment of factual knowledge
[K6_W05] has an organized knowledge on design, construction and operation of ocean technology objects and systems	Student is able to join knowledge from different areas to elaborate raised task	[SW1] Assessment of factual knowledge

Subject contents

- Design and technological preparation of manufacturing
- Splitting of erection process on phases, stages and tasks
- Preparation of technological documentation - type of documents
- labour demand assessment

<table>
<tr><td>Prerequisites and co-requisites</td><td>Classes delivered in previous semesters:

- Technologia Budowy Okrętów I (O:098010)

- Technologia Budowy Okrętów II (O:098011)

- Technologia Budowy Okrętów-III (O:098012)</td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>project</td><td>100.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>1. E.Baker III: Introduction to Steel Shipbuilding, McGraw-Hill 1953
2. Kuzminow S.: Swarocznyje deformacji sudowych konstrukcji. Sudostrojenije 1974.
3. Wiebeck E.: Technologie des Schiffskorperbaus. Technik Berlin 1980.</td></tr><tr><td>Supplementary literature</td><td>Journals: Ship & Boat International, Superyacht Business, etc.</td></tr><tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:
Przygotowanie produkcji okrętowej - Moodle ID: 44578
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=44578</td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>Elaborate of timeschedule (Gannts diagramm) for elaboration of 10 panels module in one month

explain following definitions: organsation of production process, classification of proffesions, division of hull structure on classes, standard of work.</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
</table>

Document generated electronically. Does not require a seal or signature.