GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Computer Graphics, PG_00056217		
Field of study	Transport and Logistics		
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 Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Jacek Nakielski	
	Teachers		

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	30.0	0.0	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	2.0	18.0	50

Subject objectives

Preparation of a model design of elements used in sea and land transport.

Learning outcomes

Course outcome	Subject outcome	Method of verification
K6_U03		
	The student knows destiny elements modeled to storage of goods.	[SW3] Assessment of knowledge contained in written work and projects
	Uses known methods modeling to create basic elements.	[SW3] Assessment of knowledge contained in written work and projects
[K6_W06] has an organized knowledge on engineering methods and design tools allowing the conducting of projects within the construction and operation of means and systems of transport	The student uses the software functions to obtain the expected end result.	[SW3] Assessment of knowledge contained in written work and projects

<table>
<tr><td>Subject contents</td><td>List of topics and issues:

- Entry.

- Modeling a plastic container.

- Modeling a wooden pallet.

- Modeling a euro pallet.

- Making a model of the hinge element.

- Hinge construction.

- Barrels and spill tub.

- Covered tank.

- System: shaft + bearing + snap ring.

- A simple hull model.

- Model using sheet metal.

- Any model.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></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></td><td>50.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>Dobrzański T., Rysunek techniczny maszynowy.

Stasiak F., Autodesk Inventor 2020. Zbiór Ćwiczeń. Kurs podstawowy.</td></tr><tr><td>Supplementary literature</td><td>websites

- www.youtube.com/playlist?list=PLbsxxP9mUzuU9MrdTBKEeu5huaJHSOorc

- www.procad.pl/kategoria-artykulu/inventor/</td></tr><tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>Zamodelowanie elementu na podstawie rysunku technicznego.+</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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