



## Subject card

Subject name and code	Mechanical Technical Drawing, PG_00056513						
Field of study	Ocean Engineering, Ocean Engineering						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2021/2022		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Faculty of Ocean Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Wojciech Leśniewski					
	Teachers	mgr inż. Tomasz Pająk					
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						
	Address on the e-learning platform: <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=7754">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=7754</a> Adresy na platformie eNauczanie:						
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	0.0	0.0	30		
Subject objectives	Preparation of students for independent preparation of executive and assembly drawings of machine and device elements.  Understanding the basics of design and subsequent stages of design - production.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U03] can use computer-aided design, production and operation tools for ocean technology objects and systems	he student independently makes simple and more complex drawings in AutoCad and Inventor computer software using the knowledge of technical drawing			[SU4] Assessment of ability to use methods and tools		
	[K6_W05] has an organized knowledge on design, construction and operation of ocean technology objects and systems	The student uses known techniques to present objects in the shoot-out and sections			[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Creating a design of a structural element using available materials, preparing a drawing documentation of the object and presenting the results						
Prerequisites and co-requisites	Basic knowledge of technical drawing and spatial vision						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	design work	60.0%			100.0%		
Recommended reading	Basic literature	Machine technical drawing, T. Dobrzański, WNT, Warszawa					
	Supplementary literature	Designing nodes and machine parts, L. Kurmaz					
	eResources addresses						
Example issues/ example questions/ tasks being completed	valve design  separator design  cover design						
Work placement	Not applicable						