

SDAŃSK UNIVERSITY 的 OF TECHNOLOGY

Subject card

Subject name and code	, PG_00041830								
Field of study	Ocean Engineering, Ocean Engineering								
Date of commencement of studies	October 2020		Academic year of realisation of subject			2020/2021			
Education level	first-cycle studies		Subject group			Obligatory subject group in the field of study			
Mode of study	Part-time studies		Mode of delivery			at the university			
Year of study	1		Language of instruction			Polish			
Semester of study	1		ECTS credits			3.0			
Learning profile	general academic profile		Assessment form			assessment			
Conducting unit	Department of Marine Mechatronics -> Faculty of Ocean Engineering and Ship Technology								
Name and surname	Subject supervisor		dr inż. Agnieszka Maczyszyn						
of lecturer (lecturers)	Teachers		dr inż. Agnieszka Maczyszyn						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM	
	Number of study hours	10.0	0.0	0.0	20.0		0.0	30	
	E-learning hours included: 0.0								
	Adresy na platformie eNauczanie:								
Learning activity and number of study hours	Learning activity	Participation in classes includ plan	n didactic ed in study	Participation i consultation h	n Iours	Self-study		SUM	
	Number of study hours	of study 30		5.0		40.0		75	
Subject objectives	Acquiring basic knowledge in the field of engineering graphics and technical drawing.								
Learning outcomes	Course outcome		Subject outcome			Method of verification			
	[K6_U01] can obtain information from literature, databases and other sources, can verify and organize the obtained information, interpret them and form conclusions and justified opinions		The student acquires the ability to present rectangular machine elements in views.			[SU1] Assessment of task fulfilment			
	[K6_W04] has a basic knowledge in IT, electronics, automation and control, computer graphics useful to understand the possibilities of their application in ocean technology		The student acquires the ability to read the information presented in the technical drawing.			[SW1] Assessment of factual knowledge			
Subject contents	1. Introductory information. 2. Parallel projection 3. Monge's throws 4. Rectangular projections: points, lines, planes, polyhedrons and solids. 5. Penetration of figures. 6. Introduction to the technical drawing. 7. Normalization in the construction record. 8. Rectangular and axonometric projections. 9. Views, sections and footings. 10. Dimensioning of lengths, diameters and angles, etc. 11. Tolerance of dimensions, fit. 12. Geometric surface structure. Principles of drawing up assembly and assembly drawings.								
Prerequisites and co-requisites	Basic knowledge of e	lementary geor	metry and stere	eometry, machi	ine sciei	nce and	I metrology		
Assessment methods	Subject passing criteria		Passing threshold			Percentage of the final grade			
and criteria			55.0%		40.0%				
			60.0%			60.0%			
Recommended reading	Basic literature		Henry Cecil Spencer, John Dygdon, James Novak: Basic Technical Drawing,						
	Supplementary literature		A. Bankole , Stuart Bland, Technical Drawing 1: Plane and Solid Geometry, ISBN13 9780582651395						
	eResources addresse	es							

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