GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Engineering Drawing, PG_00043985		
Field of study	Civil Engineering		
Date of commencement of studies	October 2021	Academic year of realisation of subject	2021/2022
Education level	first-cycle studies	Subject group	Obligatory subject group in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	1	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Metal Structures -> Faculty of Civil and Environmental Engineering		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Piotr Iwicki	
	Teachers	dr inż. Witold Knabe dr inż. Natalia Lasowicz dr inż. Emilia Miszewska dr inż. Marcin Szczepański dr inż. Małgorzata Gordziej-Zagórowska dr inż. Dariusz Kowalski dr inż. Patryk Deniziak dr inż. Wojciech Migda mgr inż. Paweł Pieczka	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	15.0	0.0	15.0	0.0	30

E-learning hours included: 0.0

Adresy na platformie eNauczanie:
Rysunek Techniczny 2021/2022 - Moodle ID: 19094
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=19094

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

Getting to know the principles of making and reading technical drawings.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W02] knows the rules of descriptive geometry and technical drawing, which is needed to read and understand architecture, construction and geodesy plans and making them using CAD tools.	student knows the principles of making and reading construction drawings	[SW1] Assessment of factual knowledge
[K6_U09] can read architectural, geodetical and construction drawings, is able do prepare engineering drawing using selected CAD software	student knows how to make and read construction drawings	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools

Subject contents

Technical lettering. Technical paper sizes. Scales. Technical drawing line types. Orthographic and axonometric projections. Views, cross-sections. Dimensioning. Symbols used in architectural and construction drawings.

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Drawing papers</td><td>60.0%</td><td>30.0%</td></tr>
<tr><td>Test</td><td>60.0%</td><td>70.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Samujłowie H., J.: Rysunek techniczny i odręczny w budownictwie. Arkady, Warszawa, 1987;

Miśniakiewicz E., Skowroński W.: Rysunek techniczny budowlany. Arkady, Warszawa, 2008.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Relevant Polish Standards by Polish Commitee of Standarization.</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Rysunek Techniczny 2021/2022 - Moodle ID: 19094
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=19094</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">Complement of the 3rd view in orthographic projection. Dimensioning of the construction elements.</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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