GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00060091		
Field of study	Civil Engineering		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2025/2026
Education level	first-cycle studies	Subject group	
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	1.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Engineering Structures -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Arkadiusz Sitarski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	0.0	0

E-learning hours included: 0.0

eNauczanie source address: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=47946

Additional information:

Students carry out classes and get acquainted with the contents based on an online course, getting the skills to be implemented in the subsequent semesters. The instructors check the prepared tests and homeworks

https://enauczanie.pg.edu.pl/moodle/course/view.php?id=47946

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	0	0.0	0.0	0

Subject objectives

Making the students familiar with the AutoCAD software.

Learning the students to make technical drawings and documentation.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W05] Demonstrate knowledge and understanding of research methods (obtaining information, simulations, experimental methods) in the field of civil engineering.	Not applicable	[SW1] Assessment of factual knowledge
[K6_U05] Conducts research (obtaining information, simulations, experimental methods) in the field of construction in order to solve specific tasks and report research results.	Not applicable	[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools
[K6_U04] Reads and prepares construction documentation (including drawings, graphic documentation in the CAD environment), efficiently uses maps as well as architectural, construction and geodetic drawings.	The student is acquainted with the CAD software employed in the course	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools
[K6_W04] Knows the rules of descriptive geometry and technical drawing for preparing and reading architectural, construction and geodetic drawings; also with the use of CAD	The student is acquainted with the CAD software employed in the course	[SW1] Assessment of factual knowledge

Subject contents

Prerequisites and co-requisites

Acquaintance in geometry and the principles of making technical drawings.

Acquaintance in the basics of CAD operating systems.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
CAD Homework , quizzes	100.0%	100.0%

Recommended reading

Basic literature	1. KŁOSOWSKI P.: *Ćwiczenia w kreśleniu rysunków w systemie AutoCAD 2010PL, AutoCAD 2011PL*, Wydawnictwo Politechniki Gdańskiej, Gdańsk 2011. 2. Jaskulski A.: AutoCAD 2014/LT2014/360(WS+), Kurs projektowania parametrycznego i nieparametrycznego 2D i 3D. PWN, 2014 3. Pikoń A.: AutoCAD 2022PL. Pierwsze kroki. Helion, 2021. 4. Pikoń A.: AutoCAD 2023PL. Helion, 2022. 5. Kacprzyk Z., Pawłowska B.: Komputerowe wspomaganie projektowania. Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2012. 6. Kasznia D., Magiera J., Wierzowiecki P.: BIM w praktyce. PWN, Warszawa, 2018. 7. Tomana A.: BIM Innowacyjna technologia w budownictwie. Podstawy. Standardy. Narzędzia. Kraków 2016.
Supplementary literature	• PN-EN ISO 13567-1:2002 *Dokumentacja techniczna wyrobu. Organizacja i nadawanie nazw warstwom w systemie CAD.* Część 1: Zasady ogólne. • PN-EN ISO 128-21: *Rysunek techniczny. Zasady ogólne przedstawiania.* Część 21: Linie w systemie CAD.
eResources addresses	Supplementary https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30001 - Links to the course with the available recorded contents Topics of tasks in pdf file format. Quizzes Homework

Example issues/ example questions/ tasks being completed

Practical activites within the subject

Not applicable

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