GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Computer Aided Design, PG_00044585
Field of study	Transport

Date of commencement of studies	October 2022	Academic year of realisation of subject	2023/2024
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	2	Language of instruction	Polish
Semester of study	3	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	mgr inż. Tomasz Mackun
	Teachers	mgr inż. Tomasz Mackun dr inż. Wojciech Migda dr inż. Patryk Deniziak

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	5.0	15.0	50

Subject objectives	Basics of creating technical drawings in road ingeneering in a CAD environment.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_W04] has basic knowledge of informatics, electronics, telecommunications, automation and control, information technologies, computer graphics, geodesy and satellite navigation which is useful for understanding how it can be applied in transport	Ability of independent making drawings technical.	[SW1] Assessment of factual knowledge
	[K6_U05] able to use IT and graphic techniques typically used for the design, construction, operation and diagnosis of means and systems of transport	Basic knowledge of the field using the CAD environment.	[SU1] Assessment of task fulfilment

Subject contents	Introduction into the Autocad 2D environment.
Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	The final evaluation of the course Engineering Graphics depends on the sum of points consisting of the evaluation of practical use the program and two projects.	60.0%	100.0%

Recommended reading	Basic literature	The Hitchhiker's Guide to AutoCAD Basics - on-line resource
	Supplementary literature	none
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	Dimensioning of road infrastructure elements.
	A drawing of road junction elements.
	Importing maps and calibration of maps.
Work placement	Not applicable