



## Subject card

Subject name and code	Engineering Drawing, PG_00044362						
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	Part-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		4.0		
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 inż. Wojciech Migda				
	Teachers		dr inż. Patryk Deniziak				
			dr inż. Wojciech Migda				
			dr inż. Emilia Miszewska				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	12.0	10.0	0.0	5.0	0.0	27
	E-learning hours included: 0.0						
	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	27		5.0		68.0	100
Subject objectives	The aim of this course is to present the technical drawing basics as used in civil and structural engineering.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U09] can read architectural, geodetical and construction drawings, is able do prepare engineering drawing using selected CAD software		Basic abilities to create and read technical drawings in the field of architectural and structural engineering.		[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[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.		Basic knowledge regarding technical drawing and CAD software.		[SW1] Assessment of factual knowledge		

Subject contents	Technical writing		
	Drawing formats		
	Scales		
	Line types		
	Isometric views		
	Floor-plans and cross-sections		
	Dimensioning		
	Symbols used in architectural and structural drawings		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Test	60.0%	50.0%
	Project	60.0%	50.0%
Recommended reading	Basic literature	Maj T.: Rysunek techniczny budowlany. WSiP, Warszawa 2013	
	Supplementary literature	Miśniakiewicz E., Skowroński W.: Rysunek techniczny budowlany. Arkady, Warszawa 2008	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		