

表 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	INFORMATICS II, PG_00056042							
Field of study	Automation, Robotics and Control Systems							
Date of commencement of studies	October 2024		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	2		Language of instruction		Polish			
Semester of study	3		ECTS credits		5.0			
Learning profile	general academic profile		Assessment form			exam		
Conducting unit	Faculty of Electrical and Control Engineering							
Name and surname	Subject supervisor dr inż. Robert Smyk							
of lecturer (lecturers)	Teachers							
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Project	t	Seminar	SUM
of instruction	Number of study hours	30.0	0.0	0.0	30.0		0.0	60
	E-learning hours inclu							
Learning activity and number of study hours	Learning activity		Participation in didactic classes included in study plan		Participation in consultation hours		tudy	SUM
	Number of study hours	60		5.0	60.0			125
	Creating multi-file programs. Getting to know the basic paradigms, using graphic objects, the basics of GUI creation, the basics of computer vision.							
Learning outcomes	Course outcome		Subject outcome			Method of verification		rification
	[K6_W06] knows the structure of computers and microprocessors and the tasks of operating systems, has basic knowledge of the basics of computer software, drivers, microprocessor technology, design of simple algorithms and the operation of information networks		Knows the basics of object- oriented programming			[SW1] Assessment of factual knowledge		
	[K6_U04] has the ability to self- educate, among other things, in order to improve professional qualifications		Completes programming design tasks independently		sign	[SU1] Assessment of task fulfilment		

Prerequisites and co-requisites	Knowledge of C syntax and C inst	ructions on the level of Informatyka, s	em.2 course			
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade			
and criteria	Project work	60.0%	40.0%			
	Examination test	60.0%	40.0%			
	Introductory tests	60.0%	20.0%			
Recommended reading	Basic literature Supplementary literature	 B. Kernighan, D.Ritchie, Język ANSI C, WNT, Warszawa 2003. A. Silberschatz, P. Galvin, G. Gagne, Podstawy systemów operacyjnych, WNT 2006. M. Lis, Ćwiczenia praktyczne. MySQL. Darmowa baza danych. Helion. 2006. L. Rutkowski, Metody i techniki sztucznej inteligencji, PWN, 2005. A.Opaliński, course web portal, URL http://moodleelypg.gda.pl J. Grębosz, Symfonia C++ , T.1-3, Oficyna Kallimach, 1999. J. Hollingworth ,C++ Builder 5 : vademecum profesjonalisty. T.1-2, Helion, 2001. 				
	eResources addresses	Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Describe programming environment Describe the issues of distributed processing Describe the process of code compilation and interpretation					
Work placement	Not applicable					