

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Practice of Programming, PG_00058907							
Field of study	Informatics							
Date of commencement of studies	October 2025		Academic year of realisation of subject			2025/2026		
Education level	first-cycle studies		Subject group			Optional subject group Subject group related to scientific research 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			5.0		
Learning profile	general academic profile		Assessment form			exam		
Conducting unit	Faculty of Electronics	cations and Informatics -> Wydziały Politechniki Gdańskiej						
Name and surname	Subject supervisor		dr Marcin Jurkiewicz					
of lecturer (lecturers)	Teachers		dr Marcin Jurkiewicz					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	15.0	0.0		30
	E-learning hours included: 0.0							
Learning activity and number of study hours	Learning activity Participation in classes include plan		n didactic ed in study	Participation in consultation hours		Self-study SUM		SUM
	Number of study 30 nours			10.0		85.0 125		
Subject objectives	The aim of the course is to learn students programming and implementation of programs in the Linux/Visual Studio environment. Students should master $C/C++$ instructions, data resources, operators and functions. Students should acquire knowledge about structures, functions and other basic concepts related to programming in C / C ++.							
Learning outcomes	Course outcome		Subject outcome			Method of verification		
	[K6_U04] can apply knowledge of programming methods and techniques as well as select and apply appropriate programming methods and tools in computer software development or programming devices or controllers using microprocessors or programmable elements or systems specific to the field of study		A student is able to use the given knowledge (from the lecture), basic techniques of the C / C++ language and a software in Linux / Visual Studio to compile the program.			[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment		
Subject contents	Program of the course include the basic construction of C/C++ language and structural programming.							
Prerequisites and co-requisites	 Mathematical knowledge in the way of middle school. Notion of vector and matrix. Other about the school be able to recomming the the users of heating and 							
Assessment methods	Subject passing criteria Passing threshold Paraontage of the final grade							
and criteria	Project: Evaluation of operation, algorithms run time and interfac	g criteria of correctness s, structures, e, universality.	50.0%			50.0%	centage of the	
Decommonded reading	Basic literature		1 R Kominghan D Ritchia Jazuk ANSLO					
Recommended reading	Supplementary literature		K. Reek, Język C Wskaźniki J. Grębosz, Symfonia C					
	eResources addresses							

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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