



Subject card

Subject name and code	Mobile applications, PG_00061795						
Field of study	Automation, Robotics and Control Systems						
Date of commencement of studies	October 2021		Academic year of realisation of subject		2024/2025		
Education level	first-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	7		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Katedra Elektrotechniki i Inżynierii Wysokich Napięć -> Faculty of Electrical and Control Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Paweł Kowalski				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	0.0	0.0	20.0	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		40.0	75
Subject objectives	Introduction to the process of designing and building mobile applications for the Android operating system.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
Subject contents	<ul style="list-style-type: none">Syntax of the Kotlin language.Handling Android Studio.Creating graphical applications for the Android operating system.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Lecture assignment		50.0%		40.0%		
	Project		50.0%		60.0%		
Recommended reading	Basic literature		Kotlin docs, https://kotlinlang.org/docs/home.html				
			Android Developer guides, https://developer.android.com/docs				
	Supplementary literature		Developer documentation for Firebase, https://firebase.google.com/docs?hl=pl				
	eResources addresses		Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Development of a selected application for the Android operating system.						
Work placement	Not applicable						