

表 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Field of study Electrical Engineering Date of commencement of studies October 2022 Academic year of realisation of subject 2025/2026 Education level first-cycle studies Subject group Optional subject group Mode of study Full-lime studies Mode of delivery at the university Year of study 4 Language of instruction Polish Semester of study 7 ECTS credits 13.0 Learning profile general academic profile Assessment form exam Conducting unit Dean's Office - Faculty of Electrical and Control Engineering > Faculty of Electrical and Control Engineering of instruction Subject supervisor dr inz. Anna GolijanekJędrzejczyk Lesson types and methods of instruction Lesson types included ion 0.0	Subject name and code	Diploma/Final Dissertation, PG_00038072							
Date of commencement of studies October 2022 (realisation of subject realisation of subject) 2025/2026 Education level first-cycle studies Subject group Optional subject group Mode of study Full-time studies Mode of delivery at the university Semester of study 4 Language of instruction Poish Semester of study 7 ECTS credits 13.0 Learning profile general academic profile Assessment form exam Conducting unit Dearis Office - Faculty of Electrical and Control Engineering - Faculty of Electric									
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 13.0 Learning profile general academic profile Assessment form exam Conducting unit Dean's Office - Faculty of Electrical and Control Engineering -> Faculty of Electrical and Electri	Date of commencement of	October 2022					2025/2026		
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 13.0 Learning profile general academic profile Assessment form exam Conducting unit Dean's Office - Faculty of Electrical and Control Engineering -> Faculty of Electrical and Control Engineering -> Faculty of Electrical and Control Engineering Seminar Of lecturer (lecturers) Teachers	Education level	first-cycle studies		,			Optional subject group		
Year of study 4 Language of instruction Polish Semester of study 7 ECTS credits 13.0 Learning profile general academic profile Assessment form exam Conducting unit Dear's Office - Faculty of Electrical and Control Engineering -> Faculty of Electrical and Contrel in Control Engineering -> Facu	Mode of study			, , ,		1 , 0 1			
Semester of study 7 ECTS credits 13.0 Learning profile general academic profile Assessment form exam Conducting unit Dean's Office - Faculty of Electrical and Control Engineering -> Faculty of Electrical and Control Engineeri Subject supervisor d'in.2. Anna Goljianek-Jedrzejczyk I ecturer (lecturers) Subject supervisor d'in.2. Anna Goljianek-Jedrzejczyk Submit supervisor Lesson types and methods I.esson type Lecture Tutorial Laboratory Project Seminar SUM Number of study hours Learning activity Participation in didactic 0.0 <t< td=""><td></td><td colspan="2"></td><td colspan="2">· · · · · · · · · · · · · · · · · · ·</td><td colspan="3">Polish</td></t<>				· · · · · · · · · · · · · · · · · · ·		Polish			
Learning profile general academic profile Assessment form exam Conducting unit Dean's Office - Faculty of Electrical and Control Engineering -> Faculty of Electrical Electrical and Control Engineering -> Faculty	•	7					13.0		
Conducting unit Dearls Office - Faculty of Electrical and Control Engineering > Faculty of Electrical and Control Engineering > Faculty of Electrical and Control Engineering of lecturer (lecturers) Isean summame of lecturer (lecturers) Subject supervisor dr inz. Anna Golijanek-Jędrzejczyk Lesson types and methods of instruction Lesson type Lecture Tutorial Laboratory Project Seminar SUM Learning activity and number of study hours Learning activity Participation in didactic Classes included in study plan Participation in consultation hours Self-study SUM Subject objectives Preparation of the diploma thesis. Elearning outcomes Method of verification procedures and plans the work. His performs the necessary and comparisons. The study proparations of the study type and prepares a thesis, organizes measurement procedures and plans the work. His performs the necessary and comparisons. The studert prepares an oral presentation of his work. [SW3] Assessment of knowledge contained in written work and projects Subject contents The law requirements for obtaining a university diploma, the organization of personal research work, requirements for the thesis, its defence and final exam. Preparation of the testile of task and correquisities Percentage of the final grade present the results of task of precentation. Precequisites Subject passing criteria Passing threshold Percentage of the final grade project </td <td>· · · · · ·</td> <td colspan="2">general academic profile</td> <td colspan="3">Assessment form</td> <td colspan="3">exam</td>	· · · · · ·	general academic profile		Assessment form			exam		
Name and sumame of lecturer (lecturers) Subject supervisor dr inz. Anna Golijanek-Jędrzejczyk Lesson types and methods of instruction Lesson type Leture Tutorial Laboratory Project Seminar SUM Lesson types and methods of instruction Lesson type Leture Tutorial Laboratory Project Seminar SUM Learning activity and number of study hours Learning hours included: 0.0 </td <td>Conducting unit</td> <td>Dean's Office - Facul</td> <td colspan="3">and Control Engineering -> Faculty of</td> <td>Electri</td> <td>cal and Cont</td> <td>rol Engineering</td>	Conducting unit	Dean's Office - Facul	and Control Engineering -> Faculty of			Electri	cal and Cont	rol Engineering	
Lesson types and methods of instruction Lesson type Leture Tutorial Laboratory Project Seminar SUM Number of study and number of study hours E-learning activity 0.0	•								
of instruction Number of study Data 0.0		Teachers							
hours E-learning hours included: 0.0 Learning activity and number of study hours Learning activity plan Participation in didactic classes included in study plan Participation in consultation hours Self-study SUM Subject objectives Preparation of the diploma thesis. E E Subject outcome Method of verification procedures and plans the work. He performs the necessary technical calculations, analyzes and comparisons. The student progedures and plans the work. He performs the necessary technical calculations, analyzes and comparisons. The student progeares an oral presentation of his work. [SW3] Assessment of ability to projects Subject contents K6_U01 Student prepares a thesis using the data from literature. [SU5] Assessment of ability to present the results of task projects Subject contents The law requirements for obtaining a university diploma. the organization of personal research work, requirements for the thesis, its defence and final exam. Preparation of the mess is the fercincial iterature for a multimedia present hours, a procedure of the technical writing, editorial preparation of publications. Preparation of a multimedia present methods Assessment methods Subject passing criteria Passing threshold Percentage of the final grade project Project 100.0% 100.0% 100.0% Subject passing criteria Passing threshold Vydawnictwo Literactive, Krakow 1999.		Lesson type	Lecture	Tutorial	Laboratory	Project	t	Seminar	SUM
Learning activity and number of study hours Learning activity plan Participation in didactic classes included in study plan Participation in consultation hours Self-study SUM Subject objectives Preparation of the diploma thesis. 20.0 305.0 325 Learning outcomes Course outcome Subject outcome Method of verification K6_W12 Student prepares a thesis, organizes measurement procedures and plans the necessary technical calculations, analyzes and comparisons. The student prepares an oral presentation of his work. [SW3] Assessment of ability to present the results of task Subject contents The law requirements for obtaining a university diploma, the organization of personal research work, requirements for the thesis, its defence and final exam. Preparation of the thesis, the proper composition of publication, the development of the sources in the technical literature related to the subject of the work, a precedure of the technical writing, editorial preparation of publications. Preparation of a multimedia presentation. Prerequisites and correquisites Registration on the diploma semester. Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Project Project 100.0% 100.0% 100.0% 100.0% Subject contents Subject passing criteria Passing threshold		hours		0.0	0.0	0.0	0.0		0
and number of study hours Image: Study hours Im									
Subject objectives Preparation of the diploma thesis. Learning outcomes Course outcome Subject outcome Method of verification K6_W12 Student prepares a thesis, organizes measurement procedures and plans the work. He performs the necessary technical calculations, analyzes and comparisons. The student prepares an oral presentation of his work. [SW3] Assessment of knowledge contained in written work and projects Subject contents K6_U01 Student prepares an oral presentation of his work. [SU5] Assessment of ability to present the results of task. Subject contents The law requirements for obtaining a university (dploma, the organization of personal research work, requirements for robating, editorial preparation of publications. Preparation of a multimedia presentation. Prerequisites and co-requisites Registration on the diploma semester. Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade project Recommended reading Basic literature 1. Mackiewicz J.: Jak pisać teckty naukowe. Wydawnictwo Universite drahas prace universite. Supplementary literature No requirements Quirements? Quirements? Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Universite Graskiego, Graskie 1996.		classes include					Self-study		SUM
Learning outcomes Course outcome Subject outcome Method of verification K6_W12 Student prepares a thesis, organizes measurement procedures and plans the work. He performs the necessary technical calculations, analyzes and comparisons. The student prepares an oral presentation of his work. [SW3] Assessment of knowledge contained in written work and projects Subject contents K6_U01 Student prepares a thesis using the data from ilterature. [SU5] Assessment of ability to present the results of task Subject contents The law requirements for obtaining a university diploma, the organization of personal research work, requirements for the thesis, its defence and final exam. Preparation of the thesis, the proper composition or publication, the development of the sources in the technical iterature related to the subject of the work, a procedure of the technical writing, editorial preparation of publications. Preparation of a multimedia presentation. Prerequisites and co-requisites Registration on the diploma semester. Percentage of the final grade Project 100.0% Percentage of the final grade Project 100.0% Subject passing criteria Passing threshold Percentage of the final grade Project 00.0% Universystetu Gdaniskiego, Gdanis 1996. Course P: Jak pisać teksty naukowe. Wydawnictwo Universystetic Ganiskiego, Gdanis 1996. Course output the data studento Widawnictwo Universystetic Risk being completed What was the aim of the diploma thesis? Has it been achieved? Wast kind of expe		Number of study 0			20.0		305.0		325
K6_W12 Student prepares a thesis, organizes measurement procedures and plans the work. He performs the necessary technical calculations, analyzes and comparisons. The student prepares an oral presentation of his work. [SW3] Assessment of knowledge contained in written work and projects Subject contents K6_U01 Student prepares a thesis using the data from literature. [SU5] Assessment of ability to present the results of task requirements for obtaining a university diploma, the organization of personal research work, requirements for the thesis, its defence and final exam. Preparation of the thesis, the proper composition of publication, the development of the sources in the technical literature related to the subject of the work, a procedure of the technical writing, editorial preparation of publications. Preparation of a multimedia presentation. Prerequisites and co-requisites and co-requisites Registration on the diploma semester. Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Project Basic literature 1. Mackiewicz J: Jak pisać teksty naukowe. Wydawnictwo Uniwersyster UGanskiego, Gdańsk 1996. 2. Oliver P: Jak pisać teksty naukowe. Wydawnictwo Uniwersyster UGanskiego, Gdańsk 1996. Supplementary literature No requirements eResources addresses Adresy na platformie eNauczanie: Example questions/ tasks being completed What was the aim of the diploma thesis? Has it been achieved?	Subject objectives	Preparation of the diploma thesis.							
organizes measurement procedures and plans the work. He performs the necessary technical calculations, analyzes and comparisons. The student prepares an oral presentation of his work. contained in written work and projects Subject contents K6_U01 Student prepares a noral presentation of his work. [SU5] Assessment of ability to present the results of task Subject contents The law requirements for obtaining a university diploma, the organization of publication, the development of the sources in the technical literature related to the subject of the work, a procedure of the technical writing, editorial preparation of publications. Preparation of a multimedia presentation. Prerequisites and co-requisites Registration on the diploma semester. Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Project Recommended reading Basic literature 1. Mackiewicz J: Jak pisać teksty naukowe. Wydawnictwo Universystetu Gdańskiego, Gdańsk 1990. 2. Oliver P: Jak pisać teksty naukowe. Wydawnictwo Universystetu Gdańskiego, Gdańsk 1990. Supplementary literature No requirements eResources addresses Adresy na platformie eNauczanie: Example questions/ tasks being completed What was the aim of the diploma thesis? Has it been achieved?	Learning outcomes	Course outcome		Subject outcome			Method of verification		
Image: Contents Image: Con				procedures and plans the work. He performs the necessary technical calculations, analyzes and comparisons. The student prepares an oral presentation of			contained in written work and		
requirements for the thesis, its defence and final exam. Preparation of the thesis, the proper composition of publication, the development of the sources in the technical literature related to the subject of the work, a procedure of the technical writing, editorial preparation of publications. Preparation of a multimedia presentation. Prerequisites Registration on the diploma semester. Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Project 100.0% 100.0% 100.0% Recommended reading Basic literature 1. Maćkiewicz J.: Jak pisać teksty naukowe. Wydawnictwo Uniwersyteu Gdańskiego, Gdańsk 1996. 2. Oliver P.: Jak pisać prace uniwersyteckie. Poradnik dla studentó Wydawnictwo Literackie, Kraków 1999. Supplementary literature No requirements eResources addresses Adresy na platformie eNauczanie: Example issues/ example questions/ tasks being completed What kind of experimental investigations and simulation research has been done?		K6_U01							
and co-requisites Subject passing criteria Passing threshold Percentage of the final grade Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Recommended reading Basic literature 100.0% 100.0% Recommended reading Basic literature 1. Maćkiewicz J.: Jak pisać teksty naukowe. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 1996. Supplementary literature No requirements Resources addresses Adresy na platformie eNauczanie: Example issues/ example questions/ tasks being completed What was the aim of the diploma thesis? Has it been achieved? What kind of experimental investigations and simulation research has been done? What kind of experimental investigations and simulation research has been done?	Subject contents	requirements for the thesis, its defence and final exam. Preparation of the thesis, the proper composition of publication, the development of the sources in the technical literature related to the subject of the work, a procedure of the technical writing, editorial preparation of publications. Preparation of a multimedia							
and criteria Project 100.0% 100.0% Recommended reading Basic literature 1. Maćkiewicz J.: Jak pisać teksty naukowe. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 1996. 2. Oliver P.: Jak pisać prace uniwersyteckie. Poradnik dla studentó Wydawnictwo Literackie, Kraków 1999. Supplementary literature No requirements eResources addresses Adresy na platformie eNauczanie: Example issues/ What was the aim of the diploma thesis? Has it been achieved? what kind of experimental investigations and simulation research has been done?		Registration on the d	iploma semeste	er.					
and criteria Project 100.0% 100.0% Recommended reading Basic literature 1. Maćkiewicz J.: Jak pisać teksty naukowe. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 1996. 2. Oliver P.: Jak pisać prace uniwersyteckie. Poradnik dla studentó Wydawnictwo Literackie, Kraków 1999. Supplementary literature No requirements eResources addresses Adresy na platformie eNauczanie: Example issues/ What was the aim of the diploma thesis? Has it been achieved? what kind of experimental investigations and simulation research has been done?	Assessment methods	Subject passing criteria		Passing threshold			Percentage of the final grade		
Uniwersytetu Gdańskiego, Gdańsk 1996. 2. Oliver P.: Jak pisać prace uniwersyteckie. Poradnik dla studentó Wydawnictwo Literackie, Kraków 1999. Supplementary literature No requirements eResources addresses Adresy na platformie eNauczanie: Example issues/ example questions/ tasks being completed What was the aim of the diploma thesis? Has it been achieved? What kind of experimental investigations and simulation research has been done?	and criteria	Project					100.0%		
eResources addresses Adresy na platformie eNauczanie: Example issues/ example questions/ tasks being completed What was the aim of the diploma thesis? Has it been achieved? What kind of experimental investigations and simulation research has been done?	Recommended reading	Basic literature		Uniwersytetu Gdańskiego, Gdańsk 1996. 2. Oliver P.: Jak pisać prace uniwersyteckie. Poradnik dla studentów.					
Example issues/ example questions/ tasks being completed What was the aim of the diploma thesis? Has it been achieved? What was the aim of the diploma thesis? Has it been achieved? What was the aim of the diploma thesis? Has it been achieved?				No requirements					
example questions/ tasks being completed What kind of experimental investigations and simulation research has been done?		eResources address							
Was the scope of work fully realized?	example questions/	ample questions/ sks being completed							
		Was the scope of wo	rk fully realized	?					

Work placement	Not applicable