GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	BSc Diploma Seminar, PG_00048093		
Field of study	Electronics and Telecommunications		
Date of commencement of studies	October 2020	Academic year of realisation of subject	2023/2024
Education level	first-cycle studies	Subject group	Optional subject group Subject group related to scientific research in the field of study
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	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Metrology and Optoelectronics -> Faculty of Electronics, Telecommunications and Informatics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Robert Bogdanowicz	
	Teachers	dr hab. inż. Robert Bogdanowicz	

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	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	2.0	18.0	50

Subject objectives	Supervision over the implementation of the engineering thesis, ongoing monitoring of the Diploma's progress, preparation for the engineering exam.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K03] is ready to meet social obligations, co-organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way	The student has knowledge of how to set up your own business as the university supports such activities and activities.	[SK3] Assessment of ability to organize work
[K6_U10] can individually plan their own lifelong education, also by means of advanced information and communication technologies (ICT), and communicate with people from their environment, firmly justify their point of view, participate in debates, present, assess and discuss different opinions and points of view, as well as use specialist terminology related to the field of study in communication	The student independently uses ICT tools to obtain information. Critically analyzes the acquired data, correctly discusses and describes them using specialized terminology.	[SU2] Assessment of ability to analyse information
[K6_K02] is ready to critically assess possessed knowledge and acknowledge the importance of knowledge in solving cognitive and practical problems	The student is able to interpret and evaluate the presented data independently. Independently makes decisions and assesses the stages of project implementation.	[SK3] Assessment of ability to organize work
[K6_K01] is ready to cultivate and disseminate models of proper behaviour in and outside the work environment; make independent decisions; critically evaluate actions of their own, teams they lead and organisations they are part of; take responsibility for results of these actions; responsibly perform professional roles, including:n - observing rules of professional ethics and require it from others,n - care for the achievements and traditions of the professionn	The student is able to solve problems related to the exercise of the profession of engineer, correctly identifies and resolves dilemmas related to this profession, performs risk assessment and is able to assess the effects of their activities.	[SK2] Assessment of progress of work
[K6_W07] Knows and understands, to an advanced extent, the general principles of setting up and development of business entities, forms of individual entrepreneurship and running ventures in the field specific to the field of study	Student possessing information on where and how to transfer knowledge to the private sector. Has information about university tools to support entrepreneurship.	[SW1] Assessment of factual knowledge

Subject contents

1. A series of seminars, prepared individually by graduate students, on the procedure for implementing a thesis - from defining tasks, theoretical analysis, literature research, presentation of the diploma exam. Editorial and formal requirements 2. A series of individual presentations and reports on the assumptions, program, implementation, requirements and timetable for completing the diploma thesis 3. A series of individual presentations on completed tasks of the diploma theses, in the form of presentations for the diploma exam.

Prerequisites and co-requisites

No requirements

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Practical exercise	60.0%	100.0%

Recommended reading

Basic literature	SPIE
Supplementary literature	Tutoriale IEEE
eResources addresses	Adresy na platformie eNauczanie: Seminarium Dyplomowe Inżynierskie - Optoelektronika - 2023/2024 ZIMA - Moodle ID: 33403 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=33403

Example issues/ example questions/ tasks being completed

1. A review of the state of knowledge and literature.
2. Methodology for obtaining information on the state of knowledge.
3. Critical presentation of the research method used.

Work placement

Not applicable