COURSE DESCRIPTION CARD - SYLLABUS

Course name
Graduation Seminar

Course

Field of study
Education in Technology and Informatics

Year/Semester
4/7

Area of study (specialization)

Profile of study
general academic

Level of study
First-cycle studies

Course offered in
polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials
30

Projects/seminars

Number of credit points

7

Lecturers

Responsible for the course/lecturer:
dr hab. Dobrosława Kasprowicz

dobroslawa.kasprowicz@put.poznan.pl

Faculty of Material Science and Technical Physics

Piotrowo 3, 60-696 Poznań

Responsible for the course/lecturer:

Prerequisites

Knowledge of experimental physics and basic specialist knowledge in the field of information systems and the operation of computer networks in the field of curriculum content implemented in semesters 1-6 at the 1st degree of education in the field of Technical and IT Education. The ability to solve problems in physics and computer science based on the acquired knowledge, the ability to obtain information from indicated sources. Understanding the need to expand your competences, readiness to cooperate as part of the team.

Course objective

1.developing the skills of editing the diploma thesis.

2. developing the ability to present the results of work with the use of multimedia techniques

Course-related learning outcomes

Knowledge

W01 can define physical / informatic concepts within the scope of the curriculum contents appropriate for the field of study: Technology and IT Education K1_W08, K1_W09

W02zn the current state of advancement and is aware of the latest development trends in the field of the subject of the diploma thesis K1_W13, K1_W15

W03 has knowledge of copyright K1_W19

Skills

U01 the ability to apply the basic laws of physics or computer science in the description and problem-solving of thesis subject; is able to obtain information from literature, databases and other sources K1_U04, K1_U08

U02 can obtain information from literature, databases and other properly selected sources, integrate them, interpret them and draw conclusions, formulate and justify opinions K1_U01

U03 To develop the ability to present the results of work with the use of multimedia techniques K1_U03

U04 the skills of editing the thesis K1_U03

Social competences

K01 the student is actively involved in solving the problems posed, independently develops and broadens his competences, is responsible for the reliability of the results of his work and their interpretation K1_01, K1_K03

K02 is aware of and understands the importance of non-technical aspects and effects of engineering activities; acts in accordance with the basic principles of ethics K1_K02

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Effect.	Form of evaluation.	Evaluation criteria
W01-W03	Thesis evaluation	50.1% -70.0% (3)
	evaluation of the oral presentation of the work	70.1% -90.0% (4)
	assessment of responses to presentation questions from	90.1% (5)
U01-U04	thesis grade	50.1% -70.0% (3)
	evaluation of the oral presentation of the work	70.1% -90.0% (4)
	assessment of responses to presentation questions from	90.1% (5)
K01, K02	evaluation of thesis	50.1% -70.0% (3)
	evaluation of the oral presentation of the work	70.1% -90.0% (4)

assessment of responses to presentation questions from 90.1% (5)

Programme content

1. Principles of editing the thesis.

2. Tips for preparing a presentation in Power Point programs.

3. The current state of knowledge in the field of selected issues of experimental physics and computer science.

4. Additional content depending on the subject of the implemented engineering thesis.

Teaching methods

Seminar, consultations on implemented projects, workshops - discussions on the presented diploma theses

Bibliography

Basic

Selected individually by the student in accordance with the topic of the work.

Additional

Selected individually by the student in accordance with the topic of the work.

Breakdown of average student's workload

	Hours	ECTS
Total workload	162	7,0
Classes requiring direct contact with the teacher	32	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]	130	5,0

[1] delete or add other activities as appropriate