

DESCRIPTION OF THE COURSE OF STUDY

Course code	0719-2ID-E39-PRD	
Name of the course in	Polish	Pracownia dyplomowa
	English	Diploma Laboratory

1. LOCATION OF THE COURSE OF STUDY within the system of studies

1.1. Field of study	Data engineering
1.2. Mode of study	stationary
1.3. Level of study	I-degree, bachelor
1.4. Profile of study*	general academic
1.5. Person/s preparing the course description	Rafal Porowski
1.6. Contact	rafal.porowski@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE course of study

2.1. Language of instruction	English
2.2. Prerequisites*	None

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	laboratory	
3.2. Place of classes	stationary	
3.3. Form of assessment	assessment	
3.4. Teaching methods	laboratory	
3.5. Bibliography	Required reading	1. Gambarelli Gianfranco, Łucki Zbigniew, Praca dyplomowa i doktorska, Wydawnictwo CeDeWu, 2023
	Further reading	1. Radosław Zenderowski, Technika pisanie prac magisterskich i licencjackich, Wydawnictwo CeDeWu, 2023

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives (including form of classes)

- C1. Substantive support for the engineering thesis.
C2. Editorial support for the text, especially the discussion of results, their analysis, and the conclusions.

4.2. Detailed syllabus (including form of classes)

1. Work plan, outline.
2. Selection of literature, references, plagiarism.
3. Individual consultations to monitor the progress of work (simulations, programmed applications). Collecting and processing materials, writing the thesis.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of KNOWLEDGE:		
W01	has knowledge of specialized topics in the field of study	ID1A_W10
within the scope of ABILITIES:		
U01	can prepare written assignments (including the diploma thesis) and projects on specialized topics related to the field of study, using fundamental theoretical concepts and data engineering methods, based on a variety of information sources.	ID1A_U14
within the scope of SOCIAL COMPETENCE:		
K01	can set priorities to accomplish a task, planning work, and systematically engaging with scientific and popular-science content from diverse sources, with a critical evaluation of the information received.	ID1A_K01

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes <i>(code)</i>	Method of assessment (+/-)																				
	Exam oral/writ- ten*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others* e.g standard- ized test used in e- learning		
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes		
	L	C	P	L	C	P	L	C	P	L	C	P	L	C	P	L	C	P	L	C	P
W01					+			+			+			+			+				
U01					+			+			+			+			+				
K01					+			+			+			+			+				

*delete as appropriate

4.5. Criteria of assessment of the intended learning outcomes		
Form of classes	Grade	Criterion of assessment
Laboratory (C)* (including e-learning)	3	Achievement of [50–60)% of the requirements used in the assessment methods.
	3,5	Achievement of [60–70)% of the requirements used in the assessment methods.
	4	Achievement of [70–80)% of the requirements used in the assessment methods.
	4,5	Achievement of [80–90)% of the requirements used in the assessment methods.
	5	Achievement of [90–100)% of the requirements used in the assessment methods.

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	Extramural studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER / CONTACT HOURS/	210	
Participation in lectures	210	
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	140	
Preparation for the lecture*	55	
Preparation for the thesis	55	
Preparation for the assessment	30	
TOTAL NUMBER OF HOURS	350	
ECTS credits for the course of study	14	

Accepted for execution (date and legible signatures of the teachers running the course in the given academic year)

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