Faculty of Fundamental Problems of Technology

COURSE CARD

Name in polish : Praca Magisterska

Name in english : MSc Thesis
Field of study : Computer Science

Specialty (if applicable)

Undergraduate degree and form of : masters, stationary
Type of course : compulsory
Course code : E2_I01
Group rate : Yes

	Lectures	Exercides	Laboratory	Project	Seminar
Number of classes held in schools (ZZU)					
The total number of hours of student work-	600				
load (CNPS)					
Assesment	pass				
For a group of courses final course mark	X				
Number of ECTS credits	20				
including the number of points correspond-					
ing to the classes of practical (P)					
including the number of points correspond-	20				
ing occupations requiring direct contact					
(BK)					

PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER POWERS

COURSE OBJECTIVES

C1

COURSE LEARNING OUTCOMES

The scope of the student's knowledge:

W1 Learn a new topic of Computer Science

W2

The student skills:

- U1 Able to build an application related to the study problem
- U2 Able to read the professional literature
- U3 Can write a scientific paper

U4

The student's social competence:

- **K1** Demonstrates the intellectual independence
- **K2** Is able to work with other people

COURSE CONTENT Module for writing a MSc thesis. It typically contains the analysis of literature, conducting preliminary research, the construction of the appropriate application, analyzys the properties of the application / conduct relevant research, thesis writing, preparing presentations, and preparation for the MSc exam. Applied learning tools

- 1. Solving tasks and problems
- 2. Solving programming tasks
- 3. Creating programming projects
- 4. Creating multimedia presentations by students
- 5. Consultation
- 6. Self-study students

EVALUATION OF THE EFFECTS OF EDUCATION ACHIEVEMENTS

Value	Number of training effect	Way to evaluate the effect of educa-		
		tion		
F1	W1-W2, U1-U4, K1-K2			
P=%*F1				

BASIC AND ADDITIONAL READING

- 1. literature recommended by the promoter
- 2. documentation of tools used to implement applications

SUPERVISOR OF COURSE

prof. Jacek Cichoń

RELATIONSHIP MATRIX EFFECTS OF EDUCATION FOR THE COURSE $$\operatorname{MSc}$$ Thesis

WITH EFFECTS OF EDUCATION ON THE DIRECTION OF COMPUTER SCIENCE

Course train-	Reference to the effect of the learning out-	Objectives of	The con-	Number of
ing effect	comes defined for the field of study and	the course**	tents of the	teaching
	specialization (if applicable)		course**	tools**
W1	K2_W04 K2_W06 K2_W09	C1		5 6
W2	K2_W10	C1		5 6
U1	K2_U08 K2_U10 K2_U11 K2_U12	C1		1 2 3 4 5 6
	K2_U13 K2_U14 K2_U18			
U2	K2_U01 K2_U03 K2_U04 K2_U05	C1		1 2 3 4 5 6
U3	K2_U02 K2_U03 K2_U05 K2_U06	C1		1 2 3 4 5 6
	K2_U16 K2_U19			
U4	K2_U07	C1		1 2 3 4 5 6
K1	K2_K01 K2_K12 K2_K13	C1		123456
K2	K2_K04 K2_K06 K2_K10 K2_K12	C1		123456
	K2_K13			