Faculty of Fundamental Problems of Technology
COURSE CARD

Name in polish	:	**Wykład Monograficzny**
Name in english	:	**Monographic Lecture**
Field of study	:	Computer Science
Specialty (if applicable)	:	
Undergraduate degree and form of	:	masters, stationary
Type of course	:	optional
Course code	:	E2_W26
Group rate	:	Yes

	Lectures	Exercides	Laboratory	Project	Seminar
Number of classes held in schools (ZZU)	30	30			
The total number of hours of student workload (CNPS)	90	90			
Assesment	pass				
For a group of courses final course mark	X				
Number of ECTS credits	3	3			
including the number of points corresponding to the classes of practical (P)		3			
including the number of points corresponding occupations requiring direct contact (BK)	2	2			

PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER POWERS
Prerequisites will be defined before the course starts

COURSE OBJECTIVES

C1 Presentation of new trends in IT

C2 Practical mastery of the tools and concepts discussed at the lecture

COURSE LEARNING OUTCOMES
The scope of the student's knowledge:

W1 Learn about new ideas Computer Science

The student skills:

U1 Can apply new solutions from Computer Science

The student's social competence:

K1 He understands the need to track new developments in Computer Science

COURSE CONTENT

Type of classes - lectures		
Wy1	Presentation of selected IT issues	30h

Type of classes - exercises		
Ćw1	Solving IT problems	30h

Applied learning tools
1. Traditional lecture 2. Solving tasks and problems 3. Solving programming tasks 4. Consultation 5. Self-study students

EVALUATION OF THE EFFECTS OF EDUCATION ACHIEVEMENTS

Value	Number of training effect	Way to evaluate the effect of education
F1	W1, K1-K1	Final test
F2	U1-U1, K1-K1	Activity on the exercises and practical implementation of the algorithms discussed in the lecture
P=50%*F1+50%*F2		

BASIC AND ADDITIONAL READING

1. Literature will be given at the beginning of classes

SUPERVISOR OF COURSE

prof. Jacek Cichoń

RELATIONSHIP MATRIX EFFECTS OF EDUCATION FOR THE COURSE
Monographic Lecture
WITH EFFECTS OF EDUCATION ON THE DIRECTION OF COMPUTER SCIENCE

Course training effect	Reference to the effect of the learning outcomes defined for the field of study and specialization (if applicable)	Objectives of the course**	The contents of the course**	Number of teaching tools**
W1	K2_W04 K2_W05	C1	Wy1-Wy1	1 4 5
U1	K2_U01 K2_U05 K2_U06 K2_U07 K2_U11 K2_U12	C2	Ćw1-Ćw1	2 3 4 5
K1	K2_K03	C1 C2	Wy1-Wy1 Ćw1-Ćw1	1 2 3 4 5