Faculty of Information and Communication Technology/Department of Fundamentals of Computer Science

COURSE CARD

Name of the course in polish	:	**Wykład Monograficzny**
Name of the course in english	:	**Monographic Lecture**
Field of study	:	Algoritmic Computer Science
Specialty (if applicable)	:	
Level and form of studies	:	II degree, stationary
Type of course	:	optional
Course code	:	W04INA-SM0110G
Group of courses	:	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
	Sum of hours	30h

Type of classes - exercises		
Ćw1	Solving IT problems	30h
	Sum of hours	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

MATRIX OF LEARNING OUTCOMES FOR THE SUBJECT
Wykład Monograficzny
WITH LEARNING OUTCOMES IN THE FIELD OF ALGORITHMIC COMPUTER SCIENCE

Subject learning effect	Relating the subject effect to the learning outcomes defined for the field of study	Objectives of the course**	Program content**	Teaching tool number**
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