

Faculty of Fundamental Problems of Technology						
COURSE CARD						
Name in polish	:	<b>Algorytmy rozproszone</b>				
Name in english	:	<b>Distributed Algorithms</b>				
Field of study	:	Computer Science				
Specialty (if applicable)	:					
Undergraduate degree and form of	:	masters, stationary				
Type of course	:	optional				
Course code	:	E2_W04				
Group rate	:	Yes				
		Lectures	Exercides	Laboratory	Project	Seminar
Number of classes held in schools (ZZU)		30	15	15		
The total number of hours of student workload (CNPS)		90	45	45		
Assesment		pass				
For a group of courses final course mark		X				
Number of ECTS credits		2	2	2		
including the number of points corresponding to the classes of practical (P)			2	2		
including the number of points corresponding occupations requiring direct contact (BK)		2	1	1		
PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER POWERS						
COURSE OBJECTIVES						
C1						
C2						
C3						

### COURSE LEARNING OUTCOMES

The scope of the student's knowledge:

**W1**

**W2**

**W3**

The student skills:

**U1**

**U2**

**U3**

The student's social competence:

**K1**

### COURSE CONTENT

#### Type of classes - lectures

Wy1		2h
Wy2		4h
Wy3		2h
Wy4		2h
Wy5		2h
Wy6		2h
Wy7		2h
Wy8		2h
Wy9		4h
Wy10		4h
Wy11		2h
Wy12		2h

#### Type of classes - exercises

Ćw1		2h
Ćw2		2h
Ćw3		2h
Ćw4		2h
Ćw5		2h
Ćw6		2h
Ćw7		2h
Ćw8		1h

#### Type of classes - laboratory

Lab1		4h
Lab2		8h
Lab3		3h

Applied learning tools		
<ol style="list-style-type: none"> <li>1. Traditional lecture</li> <li>2. Multimedia lecture</li> <li>3. Solving tasks and problems</li> <li>4. Solving programming tasks</li> <li>5. Consultation</li> <li>6. Self-study students</li> </ol>		
EVALUATION OF THE EFFECTS OF EDUCATION ACHIEVEMENTS		
Value	Number of training effect	Way to evaluate the effect of education
F1	W1-W3, K1-K1	
F2	U1-U3, K1-K1	
F3	U1-U3, K1-K1	
$P = \%*F1 + \%*F2 + \%*F3$		
BASIC AND ADDITIONAL READING		
<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> </ol>		
SUPERVISOR OF COURSE		
dr inż. Marcin Zawada		

RELATIONSHIP MATRIX EFFECTS OF EDUCATION FOR THE COURSE  
Distributed Algorithms

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_W01 K2_W02 K2_W03 K2_W04	C1	Wy1-Wy12	1 2 5 6
W2	K2_W02	C1	Wy1-Wy12	1 2 5 6
W3	K2_W01 K2_W02	C1	Wy1-Wy12	1 2 5 6
U1	K2_U01 K2_U05	C2 C3	Ćw1-Ćw8 Lab1-Lab3	3 4 5 6
U2	K2_U02 K2_U03	C2 C3	Ćw1-Ćw8 Lab1-Lab3	3 4 5 6
U3	K2_U03	C2 C3	Ćw1-Ćw8 Lab1-Lab3	3 4 5 6
K1	K2_K03 K2_K07	C1 C2 C3	Wy1-Wy12 Ćw1-Ćw8 Lab1-Lab3	1 2 3 4 5 6