Faculty of Fundamental Problems of Technology

COURSE CARD

| | | |
|---|---|---|
| Name in polish | : | **Algorytmy rozproszone** |
| Name in english | : | **Distributed Algorithms** |
| 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 | 2 | 2 | | |

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 |
|---|
| 1. Traditional lecture<br>2. Multimedia lecture<br>3. Solving tasks and problems<br>4. Solving programming tasks<br>5. Consultation<br>6. Self-study students |

| 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 |
|---|
| 1.<br>2.<br>3. |

| 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_A K2_W04_A | 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_U08_A K2_U21_A | C2 C3 | Ćw1-Ćw8 Lab1-Lab3 | 3 4 5 6 |
| U2 | K2_U09_A K2_U10 | C2 C3 | Ćw1-Ćw8 Lab1-Lab3 | 3 4 5 6 |
| U3 | K2_U09_A | C2 C3 | Ćw1-Ćw8 Lab1-Lab3 | 3 4 5 6 |
| K1 | K2_K01_A K2_K14_A | C1 C2 C3 | Wy1-Wy12 Ćw1-Ćw8 Lab1-Lab3 | 1 2 3 4 5 6 |