

Course title: Diagnosis and service of computer equipment and systems

ECTS credit allocation (and other scores): 4.00

Semester: autumn

Level of study: ISCED-6 - first-cycle programmes (EQF-6)

Branch of science: Engineering and technology

Language: English/Polish

Number of hours per semester: 45

Course coordinator/ Department and e-mail: Radosław Cybulski, radoslaw.cybulski@uwm.edu.pl

Type of classes: classes

Substantive content

CLASSES: The aim of the course is to familiarise students with the basic concepts of technology of computer systems and other devices. Students will learn the principles of diagnosing and servicing computer equipment.

LECTURES: (min. 500 znaków, max. 600 znaków - usuń nawias po zamieszczeniu treści)

Learning purpose: (min. 50 znaków, max. 100 znaków- usuń nawias po zamieszczeniu treści)

On completion of the study programme the graduate will gain:

Knowledge: W1 - Searches in available sources of information (Internet, textbooks, journals) information on a subject related to the subject and identifies and characterises basic components of computer systems and equipment, finds appropriate diagnostics for them. Proposes basic procedures for diagnosis. Understands the principles of safe working with equipment.

Skills: (min 50 znaków, max. 100 znaków - usuń nawias po zamieszczeniu treści)

Social Competencies: (min. 50 znaków, max. 100 znaków - usuń nawias po zamieszczeniu treści):

Basic literature: 1. Morris Rosenthal Computer Repair with Diagnostic Flowcharts, 3rd Edition: Troubleshooting PC Hardware Problems from Boot Failure to Poor Performance

2. Roger Young, How Computers Work: Processor and Main Memory, CreateSpace, 2nd edition (April 17, 2009)

3. Michael Karbo, PC Architecture

Supplementary literature:

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 50 hours

Student's independent work: 50 hours