



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Functional Exercises in Physical Adaptation [C\_CS>ZK15]

### Course

Field of study

Circular System Technologies

Year/Semester

1/2

Area of study (specialization)

Bionics and Virtual Engineering  
Technical Electrochemistry  
Production Informatics and Robotics  
Production Informatics  
Engineering of Implants and Prosthesis  
Construction Engineering and Management  
Composites and Nanomaterials  
Machine Design  
Structural Engineering  
Supply Chain Logistics  
Corporate Logistics  
Metal and Plastics Materials  
Nanomaterials  
Aircraft Piloting  
Aircraft Engines and Airframes  
Logistics Systems  
Onboard Systems and Aircraft Propulsion  
Production Systems  
Organic Technology  
Polymer Technology  
Medical and Rehabilitation Devices  
Virtual Engineering  
Managing Enterprise of the Future  
Enterprise Resource and Process Management  
Integrated Work Safety Management  
null

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

elective

### Number of hours

Lecture

0

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

0

### Number of credit points

0,00

## Coordinators

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## Lecturers

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## Prerequisites

Decision on the degree of disability Long-term sick leave

## Course objective

Compensatory physical education classes are held for students who, for health reasons, cannot participate in sports, have a medical exemption or a disability certificate. Registration for compensatory classes takes place during organizational meetings in the first week of the semester. Students choose one term per week from the three offered and receive credit based on attendance and involvement in the classes. Exercises are prepared and conducted by a physical education teacher and physiotherapist at the same time. According to their condition, students perform exercises according to an individually prepared program. As students return to full fitness, they can join programmed physical education classes. These classes, in addition to assisting and preparing them to function fully, also have a certain integrative aspect, as they are classes in which students from all departments participate at the same time.

## Course-related learning outcomes

The ability to assess one's dysfunction  
The ability to cope with dysfunction  
Counteracting its effects  
Improving motor skills  
Knowledge and awareness of how one's body functions  
The importance of systematic physical activity to maintain fitness  
Ability to work as part of a team-assurance, understanding and empathy

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Credit based on attendance and engagement in class

## Programme content

Dependent on a particular dysfunction, medical condition or temporary inability to exercise  
The ability to assess one's dysfunction  
The ability to cope with dysfunction  
Counteracting its effects  
Improving motor skills  
Knowledge and awareness of how one's body functions  
The importance of systematic physical activity to maintain fitness  
Ability to work as part of a team-assurance, understanding and empathy

## Course topics

Dependent on a particular dysfunction, medical condition or temporary inability to exercise

## Teaching methods

Analytical methods  
Division of motion into phases

## Bibliography

'Healthy spine' Piotr Józefowski  
"corrective and compensatory exercises" Małgorzata Barańska

## Breakdown of average student's workload

	Hours	ECTS
Total workload	15	0,00
Classes requiring direct contact with the teacher	15	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	0	0,00