STUDY MODULE DI	ESCRIPTION FORM		
Name of the module/subject Physical Exercises		Code   011101321010920067	
Field of study  Logistics - Full-time studies - First-cycle studi	Profile of study (general academic, practical general academic	Year /Semester	
Elective path/specialty	Subject offered in: Polish	Course (compulsory, elective) <b>obligatory</b>	
Cycle of study:	Form of study (full-time,part-time)		
First-cycle studies	full-time		
No. of hours		No. of credits	
Lecture: - Classes: <b>30</b> Laboratory: -	Project/seminars:	- 0	
Status of the course in the study program (Basic, major, other)	(university-wide, from another	field)	
other	univ	ersity-wide	
Education areas and fields of science and art		ECTS distribution (number and %)	
technical sciences		0 100%	
Technical sciences		0 100%	
Responsible for subject / lecturer:	Responsible for subje	ct / lecturer:	
Waldemar Mendel	Wojciech Weiss		
email: waldemar.mendel@put.poznan.pl	email: wojciech.weiss@put.poznan.pl		
tel. 61 6652617	tel. 61 6652617		
Studium WFiS	Studium WFiS		
ul. Jana Pawła II 28, 61-165 Poznań	ul. Jana Pawła II 28, 61-165 Poznań		

# Prerequisites in terms of knowledge, skills and social competencies:

1	Knowledge	Basic knowledge about the rules of volleyball, basketball, table tennis, football, tennis, swimming, skiing, floorball, squash, aerobics and rowing; knowledge of foundations and principles of warm-up and strength exercises as well as techniques and tactics of the game, scoring and rules regarding the walkover victory.
2	Skills	Improving technical skills taught in these disciplines, knowledge of basic tactics.
3	Social competencies	Ability to suffer a defeat, desire for revenge in a fair sport, respect for sports? equipment, sanities etc. Raising awareness about caring about body care (physical and mental)

# Assumptions and objectives of the course:

Aim of the course:

Educational: To learn techniques and tactics of the game that will be used daily at work, to learn how to organize a game, contest or tournament with proper scoring and refereeing.

Educational: Respect for the rival and colleague, being able to support, motivate and encourage the partner, who is not doing well in the game. Cooperation with and respect for the judge.

Health: To know how to organize spare time, to spend this time effectively, caring for function and fitness, to learn the proper hygienic habits that will have a positive effect on work?s efficiency.

# Study outcomes and reference to the educational results for a field of study

#### Knowledge:

- 1. Student knows the technique of performing a particular sport; [S1A\_W07]
- 2. Knows the accepted rules of the game and rivalry; [K1A\_W15]
- 3. Knows how to explain the rules of the game, sum up the competition, and prepare a simple tournament?s score scale. [K1A\_W16]

#### Skills:

- 1. Student is able to: prepare a mini-tournament in team games and/or table tennis/ tennis, carry out a rowing competition using ergometer, perform an aerobic dance system with a group; [K1A\_U06]
- 2. Is able to use their knowledge in practice; [K1A\_U06]
- 3. Is able to cooperate with a partner, referee, organizer or participant; [K1A\_U07]
- 4. Is able to find and implement the best solutions that will drive the team to a fair-play victory; [K1A\_U08]
- 5. Is able to recognize the rival team?s tactics. [K1A\_U08]

hours)

30

### **Faculty of Engineering Management**

#### Social competencies:

- 1. The student should be aware of the need for exercise and physical activity; [K1A\_K02]
- 2. Should be responsible for his/hers decisions and actions and for the teammates; [K1A\_K02]
- 3. Should be willing to help, both on the field and in everyday life; [K1A\_K03]
- 4. Should be sensitive to injustice and harm. Should follow the rules, standards and binding rules. [K1A\_K03]

#### Assessment methods of study outcomes

Forming rating: activity cards.

Summary rating:

Basketball: 5 wheels test, mini tournaments.

Volleyball: Playing the ball in pairs, the three deflections attack, mini tournaments.

Football: Football test, mini tournaments.

Table tennis and tennis: Single and double tournament.

Weight training: Test of lifting the weights, pulls on the stick and abdominal exercises.

Swimming: Test of swimming in different styles on time.

Skiing, skating, rollerblading: Test the skills of downhill skiing with a specific technique, the ability to change direction.

Aerobic: Preparing and performing a training set with music.

Rowing ergometer: Checking the ability of rowing the distance technically correct on time

Squash: Tournament.

#### **Course description**

Basketball: Improving the skills of throwing in the run and jump, learning the throw and passing feints, learning the 5x0 positional attack, learning how to play 2x1, 3x2 and 4x3 advantage.

Volleyball: Perfecting the skills of of playing the ball in pairs and of attack and defense with a single block, learning of a goaround attack and of double and triple block.

Football: Perfecting the pass and go technique and playing in advantage, learning of a zone defense, small games.

Swimming: Learning of: the crawl, backstroke, classical and butterfly styles.

Table tennis and tennis: Perfecting forehand and backhand, taking into account the proper footwork, learning to play half volley.

Skiing: downhill, slalom.

Snowboard: Perfecting the technique ? must have an own snowboard.

Rowing ergometer: Learning the technique, training focused on improving speed and stamina.

Aerobic: Learning new steps and choreography, implementing them into practice.

Weight training: learning about the human musculoskeletal system, particular exercises and preparing training schedules.

Teaching methods: exercise method

Swimming: Learning to swim with the correct style: crawl, dorsal, classic, dolphin with butterfly leg work.

Tennis and table tennis: Improvement of ball reflections with forehand and backhand, including correct leg work, learning to play semi-volley.

Skiing: downhill plow, slalom technique.

Basic bibliography:

1. Participation in classes

Snowboarding: improving driving techniques, i.e. you must have your own snowboard.

Additional bibliography:	
Result of average student's workload	
Activity	Time (working

## Student's workload

# http://www.put.poznan.pl/

# Poznan University of Technology Faculty of Engineering Management

Source of workload	hours	ECTS
Total workload	30	0
Contact hours	30	0
Practical activities	30	0