Study program: Class Teacher Education

Type and level of studies: Bachelor studies, first cycle degree program

Course unit: Basic motor skills

Teacher in charge: Aleksandar Ignjatovic, PhD, associate professor

Language of instruction: English

ECTS: 5 ECTS, elective

Prerequisites: /

Semester: Winter semester or summer semester (V or VI)

### Course unit objective

In this course the basics motor skils students are familiarize with the knowledge and the role of human motor abilities. Students learn about the theoretical and practical significance of the following motor skills: strength, power, speed, agility, balance, coordination, precision, flexibility and endurance. Introducing the means and methods of improving motor skills capabilities as well as its ability to increase levels of different abilities in different age periods.

# Learning outcomes of Course unit

The student understands the importance of motor skills for physical growth and development. Application and importance of motor skills development through physical education (physical education, sport, recreation), applies modern technology and methodology in the development of motor skills, to qualify for a critical use of literature.

# **Course unit contents**

#### Theoretical classes

Composition and function of the locomotor apparatus. The functions and partitions of muscles and forms of muscle contraction. Theories and various categorizations of motor skills. Factors that determine the expression of different motor abilities (strength, power, speed, agility, balance, coordination, precision, flexibility and endurance).

#### Practical classes

Exercises - Means, methods and organizational forms of work that are applied in the development of motor skills (strength, power, speed, agility, balance, coordination, precision, flexibility and endurance). Research work

### Literature

- 1. Lee, B. & Ferrigno, V.A. Training for speed, agility and quickness. IL: Human Kinetics, 2005.
- 2. Zatciorsky, V., Kreamer, WJ. Science and practice of strength training. IL: Human Kinetics, 2006.
- 3. Martin, S. Stretching smart, DK Publishing: NY, USA, 2005

Number of activ	Other classes			
Lectures:	Practice:	Other forms of classes:	Independent work:	
30	15	(mentoring system for small classes)		

**Teaching methods:** Lectures, exercises, practical training, consultative teaching, research work - seminars, presentation of results

Examination methods (maximum 100 points)					
Exam prerequisites	No. of points:	Final exam	No. of points:		
Student's activity during lectures	10	oral examination	10		
practical classes/tests	20	written examination	20		
Seminars/homework	10	tests	30		
Project					
Other					

# Examination methods ( maximum 100 points)

Grading system					
Grade	Number of points	Description			
10	91-100	Excellent			
9	81-90	Exceptionally good			
8	71-80	Very good			
7	61-70	Good			
6	51-60	Passing			
5	≤50	Failing			