



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Sport and Physical Education

GENERAL INFORMATION

Study program

Basic Professional Studies, Sport

Study Module (if applicable)

Course title

Technology of sport 1

Level of study

Bachelor professional Master's Doctoral

Type of course

Obligatory Elective

Semester

Autumn Spring

Year of study

First

Number of ECTS allocated

6

Name of lecturer/lecturers

Ratko Stanković, Ph.D, full professor

Teaching mode

Lectures Group tutorials Individual tutorials
 Laboratory work Project work Seminar
 Distance learning Blended learning Other

PURPOSE AND OVERVIEW (max. 5 sentences)

Students will be able to understand theory and acquire practical knowledge of engineering technologies in sport and basic information processes in sport.

SYLLABUS (brief outline and summary of topics, max. 10 sentences)

Theory: Scouting software (LongoMatch). Technical – tactical preparation software (SportCode, JesSoft playbook), Software for sports condition tracking (Tracking), Software for video analysis (Kinova, Dartfish). Technology of sports equipment and apparatus: sports balls, racquets bats, winter sports and mountaineering equipment. Aero nautical sports, Cycling. Technology of sports equipment and apparatus: sportswear and sports shoes, protective equipment, bats. Technology of sports equipment and apparatus: sports mats, sports equipment for archery. Technology of sports equipment and apparatus: equipment for Paraolympic athletes, equipment for fitness and gyms, Measuring instruments for sports training: reactive measuring in sport (Chronojump, FusionSport), Measuring instruments for sports training: video analyses of movements. Sports facilities: projects of sports halls, Sports objects: halls, pools. Practicals: Practical teaching follows the theoretical classes.

LANGUAGE OF INSTRUCTION

Serbian (complete course) English (complete course) Other _____ (complete course)

Serbian with English mentoring Serbian with other mentoring _____

ASSESSMENT METHODS AND CRITERIA

Pre exam duties	Points	Final exam	points
Theory	5	Theory examination	30
Practicals	5		
Colloquium1	15		
Colloquium 2	15		
Seminar paper	15		
Interactive teaching	15	OVERALL SUM	100

*Final examination mark is formed in accordance with the Institutional documents