

Priloga 2 predloga sprememb študijskih programov FŠ

UČNI NAČRT PREDMETA / COURSE SYLLABUS						
Predmet:	ANALIZA TEKMOVALNIH NASTOPOV V ŠPORTU					
Course title:	Performance analysis of sport					
Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester			
Univerzitetni študijski program prve stopnje Športna vzgoja	-	3.	5. in 6.			
Univerzitetni študijski program prve stopnje Kineziologija	-	1. in 2.	1., 2. in 4.			
Univerzitetni študijski program prve stopnje Športno treniranje	-	2. in 3.	4. in 5.			
Univerzitetni študijski program prve stopnje Športna rekreacija	-	1. in 3.	2. in 5.			
Vrsta predmeta / Course type	Splošni izbirni /selective					
Univerzitetna koda predmeta / University course code:						
Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
20	20	20			60	4
Nosilec predmeta / Lecturer:	dr. Goran Vučković					
Jeziki Languages:	Predavanja / Lectures: slovenski /Slovene, angleški /English					
	Vaje / Tutorial: slovenski /Slovene, angleški /English					
Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:			Prerequisites:			
Ni posebnih pogojev.			No special requirements.			

Vsebina:

Analize tekmovalnih nastopov v športu (Performančne analize v športu) predstavlja mlado raziskovalno disciplino, ki vsebuje biomehanične in anotacijske analize s pomočjo videa in informacijske tehnologije. Eno od ključnih opravil v trenerskem delu je objektivno analiziranje in diagnosticiranje športnikovega in/ali ekipnega nastopa bodisi na treningu ali tekmovanju ter z ustrezeno povratno informacijo vplivati na izboljšanje športnega nastopa. Skladno s tem se analize tekmovalnih nastopov uporabljejo za analiziranje tehnik, taktike in ostalih gibalnih nalog, ki narekujejo uspešnost znotraj posameznega športa.

Osnovni cilj programa je študente spoznati s temeljnimi principi performančnih analiz in jih naučiti kako performančne analize uporabiti v smeri izboljšanja športnikove in/ali ekipne učinkovitosti v različnih športnih panogah in igrah.

Teoretični del:

- Razvoj analiz tekmovalnega nastopanja kot raziskovalne discipline.
- Kvantitativna in kvalitativna analiza tekmovalnega nastopa.
- Zakaj izvajamo analizo tekmovalnih nastopov?
- Kdo izvaja analizo tekmovalnega nastopa?
- Kje izvajamo analizo tekmovalnega nastopanja?
- Kdaj izvajamo analizo tekmovalnega nastopa?
- Kako izvajamo analizo tekmovalnega nastopa?

Praktični del:

- Predstavitev različnih računalniških programov za kvantitativno in kvalitativno analiziranje športnikovega ali ekipnega nastopa.
- Razlike med različnimi načini predstavitve rezultatov.
- Seminarsko delo, ki bo temeljilo na analiziranju športa po izbiri študentov in bo temeljilo na ustreznem metodološkem pristopu, vključno s predstavitvijo seminarjev.

Content (Syllabus outline):

Performance analysis of sport is relatively young scientific discipline which combine biomechanics and notational analysis by using video and information technology. The need to produce an accurate recording of an event and then to analyse and diagnose it, and provide feedback to an athlete/coach to improve performance is one of the most important task in a applied sport. Therefore performance analyst should be familiar with the practice of recording, processing, and interpreting events that take place in training and/or competition in sport. As such, it can include evaluating the technical, tactical, and behavioural activities of individuals, teams, and/or specific units within teams.

The main goal of the program is for students to learn and understand the general principal of the performance analysis and to be able to provide concrete feed back to athletes and coaches to improve their performance in different sports.

Theoretical part:

- Development of performance analysis of sport as a research discipline.
- Quantitative and qualitative performance analysis of sport.
- Why do we do performance analysis of sport?
- Who does performance analysis of sport?
- Where is the performance analysis of sport done?
- When is the performance analysis of sport done?
- How is the performance analysis of sport done?

Practice:

- Introduction of different softwares for quantitative and qualitative performance analysis in sport.
- Differences in presenting the data.
- Seminar work based on analysing their own sport which will include an appropriate methodological approach and presentation of the seminars.

Temeljni literatura in viri / Readings:

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- O'Donoghue, P. (2010). Research Methods for Sports Performance Analysis. New York: Routledge.
- Hughes, M. in Franks, I.M. (1997). Notational Analysis of Sport. London: E and FN Spon.
- Hughes, M. in Franks, I.M. (2008). Essentials of Performance Analysis: an introduction. London: Routledge.

Cilji in kompetence:

Osnovni cilj programa je usposobiti študente, da bodo znali in razumeli kako analizirati tekmovalni nastop z namenom pomagati športnikom in trenerjem izboljšati njihovo delo oziroma športni nastop.

Objectives and competences:

The basic objective of the program is for students to learn and understand how to use the performance analysis to help athletes and coaches to improve their performance.

Predvideni študijski rezultati:

Znanje in razumevanje:

- Študenti so sposobni podajati temeljna znanja o analizi tekmovalnega nastopa.
- Sposobni so analizirati tekmovalni nastop v različnih športnih panogah ali igrah.
- Sposobni so prilagoditi predstavitev rezultatov in lastnih ugotovitev tekmovalni ravni športnikov ali ekip s katerimi sodelujejo.
- Sposobni so ustvariti različne predstavitve v odvisnosti od trenutnih potreb (motivacijski video, tehnične analize, taktične analize, igralne značilnosti idr.).

Intended learning outcomes:

Knowledge and understanding:

- Students are able to convey basic knowledge about performance analysis of sport.
- They are able to implement performance analysis in different sports.
- They are able to present different data regarding the sports' level of the athletes or teams.
- They are able to produce different presentational outcomes regarding the needs (motivational video, technical data, tactical data, playing patterns etc.).

Metode poučevanja in učenja:

Predavanja, seminarji, seminarska naloga.

Learning and teaching methods:

Lectures, seminars, coursework.

Delež (v %) /

Načini ocenjevanja:

Weight (in %) **Assessment:**

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Način (pisni izpit, ustno izpraševanje, naloge, projekt) Ustno izpraševanje – 50% Praktični prikaz – 50%	Type (examination, oral, coursework, project): Oral examination – 50 % Practical demonstration - 50%
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Reference nosilca / Lecturer's references:

Goran Vučković je diplomiral na Fakulteti za šport leta 1999, magistriral leta 2002 in doktoriral leta 2005. Njegovo znanstveno-raziskovalno delo je v zadnjih letih usmerjeno v preučevanje igralnih značilnosti in gibanja (tekmovalnega nastopanja) posameznih športnikov in ekip v različnih športnih igrah oziroma športnih panogah. V tej smeri temelji njegovo raziskovalno delo na uporabi različnih računalniških programov, ki so namenjeni analitični obravnavi športnikovega ali ekipnega nastopa bodisi na treningu ali tekmovanju. Je član uredniških odborov in recenzent v različnih znanstvenih revijah.

VUČKOVIĆ, Goran, JAMES, Nic, HUGHES, Michael David, MURRAY, Stafford, MILANOVIĆ, Zoran, PERŠ, Janez, SPORIŠ, Goran. A new method for assessing squash tactics using 15 court areas for ball locations. *Human movement science*, Apr. 2014, vol. 34, str. 81-90, [COBISS.SI-ID [4504497](#)]

PROSEN, Jerneja, JAMES, Nic, DIMITROV, Lygeri, PERŠ, Janez, VUČKOVIĆ, Goran. A time-motion analysis of turns performed by highly ranked Viennese waltz dancers. *J. Human Kinet.*, 2013, vol. 37, str. 55-62,[COBISS.SI-ID [4383921](#)]

VUČKOVIĆ, Goran, JAMES, Nic, HUGHES, Michael David, MURRAY, Stafford, SPORIŠ, Goran, PERŠ, Janez. The effect of court location and available time on the tactical shot selection of elite squash players. *JSSM (Online)*. [Online ed.], march 2013, vol. 12, issue 1, str. 66-73, [COBISS.SI-ID [4338609](#)]

MARTÍNEZ-GALLEGO, Rafael, GUZMÁN, Jose F., JAMES, Nic, PERŠ, Janez, RAMÓN-LLIN, Jesus, VUČKOVIĆ, Goran. Movement characteristics of elite tennis players on hard courts with respect to the direction of ground strokes. *JSSM (Online)*. [Online ed.], 2013, iss. 2, str. 275-281, [COBISS.SI-ID [4355505](#)]

CVETKOVIĆ, Vlado, VUČKOVIĆ, Goran. Razlike v opravljeni poti gibanja v napadu med različnimi tipi igralcev na košarkarski tekmi - študija primera. *Šport (Ljublj.)*, 2013, letn. 61, št. 1/2, str. 67-73, ilustr. [COBISS.SI-ID [4358833](#)]

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HUGHES, Michael, HUGHES, Michael David, WILLIAMS, Jason, JAMES, Nic, VUČKOVIĆ, Goran, LOCKE, Duncan. Performance indicators in rugby union. *J. hum. sport. exerc.*, 2012, vol. 7, no. 2 (special issue), str. 383-401, ilustr., tabele. [COBISS.SI-ID [4269489](#)]

JAMES, Nic, REES, Gethin, GRIFFIN, Elliot, BARTER, Phil, TAYLOR, Joe, HEATH, Luke, VUČKOVIĆ, Goran. Analysing soccer using perturbation attempts. *J. hum. sport. exerc.*, 2012, vol. 7, no. 2 (special issue), str. 413-420, ilustr., tabele. [COBISS.SI-ID [4269745](#)]

JONES, Rhys M., COOK, Christian C., KILDUFF, Liam P., MILANOVIĆ, Zoran, JAMES, Nic, SPORIŠ, Goran, FIORENTINI, Bruno, FIORENTINI, Fredi, TURNER, Anthony, VUČKOVIĆ, Goran. Relationship between

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repeated sprint ability and aerobic capacity in professional soccer players. *TheScientificWorldjournal*, july 2013, vol. 2013, str. 1-5, tabeli, graf, prikaza. [COBISS.SI-ID [4401841](#)]

HUGHES, Michael, HUGHES, Michael David, WILLIAMS, Jason, JAMES, Nic, VUČKOVIĆ, Goran, LOCKE, Duncan. Performance indicators in rugby union. *J. hum. sport. exerc.*, 2012, vol. 7, no. 2 (special issue), str. 383-401, ilustr., tabele. [COBISS.SI-ID [4269489](#)]

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VUČKOVIĆ, Goran, JAMES, Nic. The distance covered by winning and losing players in elite squash matches. *Kinesiol. Slov. (Print)*. [Print ed.], 2010, vol. 16, no. 1/2, str. 44-50, ilustr., tabela. [COBISS.SI-ID [3956657](#)]

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