UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Spletne aplikacije v izobraževanju
Course title:	Web Application in the Education

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Enovit magistrski študijski program druge stopnje Predmetni učitelj	**/**	**5.**	**9.**
Five-year master's degree program Subject Teacher	**/**		

Vrsta predmeta / Course type Izbirni / Elective

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
30			**30**		**120**	**6**

Nosilec predmeta / Lecturer: prof. dr. Marjan Krašna

Jeziki / Languages:	Predavanja / Lectures:	**Slovenski / Slovenian**
	Vaje / Tutorial:	**Slovenski / Slovenian**

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	**Prerequisits:**
Dobro poznavanje dela z računalnikom, uporabniškim vmesnikom in programi za obdelavo besedil, tabel in prosojnic.	Skilled working with computer, user interface and office programs.

Vsebina:	**Content (Syllabus outline):**
- Splet v izobraževanju - Distribucijski sistemi za izobraževalne vsebine - Sistemi za upravljanje s spletnimi vsebinami (CMS) - struktura, vsebine, upravljanje - Sistemi za upravljanje z učnimi okolji (LMS/CMS) - e-učna gradiva - standardi - upravljanje - Komunikacijski sistemi v izobraževanju - tradicionalni, - konferenčn	- Educational web - Distribution systems for educational materials (CMS) Content management systems - structure, content, administration (LMS/CMS) Learning management systems & Course management systems - e-learning materials - standards - administrations - Educational communication systems - traditional, - conference communication systems

• Kontrolni sistemi
   • sistemi oddaljene pomoči
• sistemi nadzora nad učilnico
	• Control systems
	   • distance support
	• control over classroom

Temeljni literatura in viri / Readings:

- Rice William, Moodle E-Learning Course Development, 3rd Edition: A complete guide to create and develop engaging e-learning courses with Moodle, Birmingham, Mumbai : Packt Publishing, 2015
- Steve Foreman, The LMS Guidebook: Learning Management Systems Demystified, ADT Press; 2018
- Shirley Bennett, Debra Marsh, Clare Killen, Handbook of online education, London, New York, Continuum International Publishing Group (March 15, 2007)
- Vinicius R. Apolinario, Learning Hyper-V: Learn how to design, deploy, configure, and manage virtualization infrastructure using Hyper-V, Packt Publishing, Birmingham, UK, 2015

Cilji in kompetence:

Cilji in kompetence:	**Objectives and competences:**
• Spoznati izobraževanje na daljavo • Spoznati sisteme za izobraževanje na daljavo • Znati upravljati s sistemi za izobraževanje na daljavo • Poznati različna učna gradiva za e-izobraževanje	• Knowledge about distance education • Knowledge about educational systems • Usage and control of LSM/CMS systems • Knowledge about learning materials

Predvideni študijski rezultati:

Predvideni študijski rezultati:	**Intended learning outcomes:**
Znanje in razumevanje: • Razumevanje upravljanja učnih vsebin • Komunikacija v izobraževanju • Specifikacija zahtev za izobraževalna gradiva Prenesljive/ključne spretnosti in drugi atributi: • Upravljanje s CMS in LMS sistemi • Upravljanje z učnimi vsebinami	Knowledge and Understanding: • Understanding management of e-learning material • Educational communication • Requirement specification for e-learning materials Transferable/Key Skills and other attributes: • Management of CMS and LMS systems • Management of e-learning materials

Metode poučevanja in učenja:

Metode poučevanja in učenja:	**Learning and teaching methods:**
• Predavanja • Laboratorijske vaje • Individualno delo	• Lectures • Laboratory excersises • Individual work

Načini ocenjevanja:	Delež (v %) / Weight (in %)	Assessment:
Način (pisni izpit, ustno izpraševanje, naloge, projekt): • pisni test • ustni izpit	 **50%** **50%**	Type (examination, oral, coursework, project): • Written test • oral exam

Vsaka izmed naštetih obveznosti mora biti opravljena s pozitivno oceno. Pozitivna ocena pri pisnem testu je pogoj za pristop k izpitu.		Each of the mentioned commitments must be assessed with a passing grade. Passing grade of the written test is required for taking the exam.

Reference nosilca / Lecturer's references:

LAPI, Mojca, KRAŠNA, Marjan. The distance learning implications on high school students. V: SKALA, Karolj (ur.). MIPRO 2021 : 44th International Convention, September 27 - October 1, 2021, Opatija, Croatia : proceedings. Rijeka: Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, cop. 2021. Str. 634-638. MIPRO ... ISSN 1847-3946. https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9597143. [COBISS.SI-ID 86733315]

PESEK, Igor, KRAŠNA, Marjan, BRATINA, Tomaž. Students' transition from high school to university in COVID-19 constrained education. V: SKALA, Karolj (ur.). MIPRO 2021 : 44th International Convention, September 27 - October 1, 2021, Opatija, Croatia : proceedings. Rijeka: Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, cop. 2021. Str. 645-649, tabele. MIPRO ... ISSN 1847-3946. https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9596698. [COBISS.SI-ID 86740483]

POTRČ, Melani, REPIČ, Maša, KRAŠNA, Marjan. Satisfaction with distance education at the time of the outbreak of the COVID-19 virus epidemic among pupils and students. V: STRAHONJA, Vjeran (ur.), STEINGARTNER, William (ur.), KIRINIĆ, Valentina (ur.). CECIIS : Central European Conference on Information and Intelligent Systems : proceedings : 31th international scientific conference, October 7-9, 2020, Varaždin, Croatia. Varaždin: Faculty of Organization and Informatics, 2020. Str. 81-86, graf. prikazi, tabele. Central European Conference on Information and Intelligent Systems (Online). ISSN 1848-2295. http://archive.ceciis.foi.hr/app/public/conferences/2020/Proceedings/ELA/ELA6.pdf. [COBISS.SI-ID 53204227]

KRAŠNA, Marjan, PESEK, Igor. Influence of Moodle and MS Teams on teaching-learning-studying (TLS) processes. V: SKALA, Karolj (ur.). MIPRO 2020 : 43nd International Convention, September 28 - October 2, 2020, Opatija, Croatia : mipro proceedings. Rijeka: Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, 2020. Str. 697-701, tabele. MIPRO ... (CD-ROM). ISSN 1847-3946. https://ieeexplore.ieee.org/document/9245356/keywords, DOI: 10.23919/MIPRO48935.2020.9245356. [COBISS.SI-ID 39114755], [Scopus do 7. 3. 2022: št. citatov (TC): 8, čistih citatov (CI): 8, čistih citatov na avtorja (CIAu): 4,00]

REPNIK, Robert, BERNAD, Peter, KRAŠNA, Marjan. Teaching physics using programming of simulations. V: SKALA, Karolj (ur.). MIPRO 2020 : 43nd International Convention, September 28 - October 2, 2020, Opatija, Croatia : mipro proceedings. Rijeka: Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, 2020. Str. 641-648, ilustr. MIPRO ... (CD-ROM). ISSN 1847-3946. https://ieeexplore.ieee.org/document/9245274, DOI: 10.23919/MIPRO48935.2020.9245274. [COBISS.SI-ID 39106819], [Scopus do 8. 2. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0,33]