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	**/**	**1**	**poletni**
Five-year master's degree program Subject Teacher	**/**	**1**	**summer**

Vrsta predmeta / Course type Obvezni/ Obligatory

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**		**30**	**3**

Nosilec predmeta / Lecturer: Izr. Prof. Dr. Marjan Krašna

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

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	**Prerequisits:**
/	/

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,	• 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,

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

Temeljni literatura in viri / Readings:

Osnovno / primary:
- Rice William, Moodle : e-learning course development: complete guide to successful learning using Moodle, Birmingham, Mumbai : Packt Publishing, 2006
- Barbara Allan, Dina Lewis, Virtual Learning Communities (Society for Research Into Higher Education), Open University Press; 2005
- Gerlič Ivan, Debevc Matjaž, Dobnik Nadja, Šmitek Branislav, Korže Danilo, Načrtovanje in priprava študijskih gradiv za izobraževanje na daljavo, Fakulteta za elektrotehniko, računalništvo in informatiko, 2002
- Shirley Bennett, Debra Marsh, Clare Killen, Handbook of online education, London, New York, Continuum International Publishing Group (March 15, 2007)

Cilji in kompetence:

- 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

Objectives and competences:

- Knowledge about distance education
- Knowledge about educational systems
- Usage and control of LSM/CMS systems
- Knowledge about learning materials

Predvideni študijski rezultati:

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

Intended learning outcomes:

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:

- Predavanja
- Laboratorijske vaje
- Individualno delo

Learning and teaching methods:

- Lectures
- Laboratory exercises
- Individual work

Načini ocenjevanja: Delež (v %) /   **Assessment:**

                                        Weight (in %)

Pisni izpit (pi)	40 %	Written exam
Predstavitev projekta (pp)	20 %	Project presentation
Zagovor vaj (zv)	40 %	Laboratory work avocation
Vsaka ocena mora biti pozitivna (več kot 50%)		Every grade has to be positive (more than 50%)

Reference nosilca / Lecturer's references:

DUH, Matjaž, BRATINA, Tomaž, KRAŠNA, Marjan. The role of digital competences in electronic education = Uloga digitalnih kompetencija u elektronskoj nastavi. Media cult. public relat., 2012, vol. 3, no. 2, str. 131-137. http://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=130571. [COBISS.SI-ID 19447816]

KAUČIČ, Branko, RAMŠAK, Maja, KRAŠNA, Marjan. Rich media presentations in blended learning = Bogate medijske prezentacije u kombiniranom učenju. Informatologia (Zagreb), 2011, vol. 44, no. 4, str. 287-295. [COBISS.SI-ID 18877704]

KRAŠNA, Marjan, BRATINA, Tomaž, KAUČIČ, Branko. Transition from traditional to electronic testing. V: HUNJAK, Tihomir (ur.), LOVRENČIĆ, Sandra (ur.), TOMIČIĆ, Igor (ur.). 23rd Central European Conference on Information and Intelligent Systems, September 19th-21st, 2012, Varaždin, Croatia. Central European Conference on Information and Intelligent Systems CECIIS, 23rd international conference 2012, September 19th-21nd 2012, Varaždin, Croatia. Varaždin: Faculty of Organization and Informatics, 2012, str. 115-121, ilustr. [COBISS.SI-ID 19467272]

DUH, Matjaž, KRAŠNA, Marjan. Interactive e-learning materials: how to prepare and use it properly?. V: ČIČIN-ŠAIN, Marina (ur.). MIPRO 2010 : 33rd International Convention, May 24-28, 2010, Opatija, Croatia : proceedings = 33. međunarodni skup : zbornik radova. [Vol. 4], Computers in education, = Računala u obrazovanju. Rijeka: MIPRO, cop. 2010, str. 77-80, ilustr. [COBISS.SI-ID 17826568]

KRAŠNA, Marjan. E-learning materials development projects. V: BOHANEC, Marko (ur.), BRODNIK, Andrej (ur.). Zbornik 13. mednarodne multikonference Informacijska družba - IS 2010, 11.-15. oktober 2010, (Informacijska družba). Ljubljana: Institut Jožef Stefan, 2010, zv. A, str. 243-246. [COBISS.SI-ID 17963272]

KRAŠNA, Marjan, BRATINA, Tomaž, KAUČIČ, Branko. Differences in e-learning material production according to the learners' age and comprehension level. V: AURER, Boris (ur.), BAČA, Miroslav (ur.), RABUZIN, Kornelije (ur.). 20th Central European Conference on Information and Inteligent Systems, September 23-25, 2009, Varaždin, Croatia. Conference proceedings. Zagreb: University of Zagreb; Varaždin: Faculty of Organisation and Informatics, 2009, str. 79-86, ilustr. [COBISS.SI-ID 17253128]

KRAŠNA, Marjan, BRATINA, Tomaž, KAUČIČ, Branko. Implementation of distance learning materials. V: ČIČIN-ŠAIN, Marina (ur.). Proceedings : conference : savjetovanje. Rijeka: MIPRO, cop. 2009, str. 149-154, ilustr. [COBISS.SI-ID 7851593]