



OPIS PREDMETA / SUBJECT SPECIFICATION

Predmet: Subject Title:	E-učenje E-learning
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Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Izobraževalna matematika, dvopredmetni študij, 2. stopnja		1. ali 2.	2. ali 4.

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. Vaje Lab. Work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
15			30		45	3

Nosilec predmeta / Lecturer:

Jeziki / Predavanja / Lecture: slovenski / Slovenian
Languages: Vaje / Tutorial: slovenski / Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Prerequisites:

Vsebina:

Contents (Syllabus outline):

- Teoretične osnove - pojmi in pojmovna struktura e-učenja
- strokovni in didaktični principi e-učenja
- tipi in pristopi e-učenja
- Pristopi in orodja za pripravo e-učnih gradiv.
- Sistemi za vodenje in upravljanje e-učenja (LMS, LCMS, CMS..)
- Standardi priprave in izvedbe učnih gradiv za e-učenje (SCORM...)
- Sodobne IKT in e-učenje.

- Theoretical principles – concepts and conceptual structure of e-learning
- Professional and didactic principles of e-learning
- Authoring tools for e-learning materials
- LMS/CMS systems
- Standards for making e-materials
- Advanced ICT technologies and e-learning

Temeljni študijski viri / Textbooks:

Osnovno / primary:

- Gerlič. I. Sodobna informacijska tehnologija v izobraževanju. DZS, Ljubljana, 2000.
- W, Horton, K, Horton, E-learning Tools and Technologies, Wiley 2003
- Palloff R. M., Pratt K. Building Online Learning Communities, Wiley 2007
- Revije: *Computer education, Monitor, Moj mikro, Presek*
- E-študijska gradiva

Cilji:

Objectives:

- seznaniti se s teoretičnimi izhodišči e-učenja
- Pridobiti osnovne izkušnje z uporabo in upravljanjem učnega okolja
- spoznati osnovne principe e-gradiv
- seznaniti se z orodji za izdelavo e-gradiv
- Pridobiti osnovne izkušnje uporabe elektronske table
- seznaniti se z drugimi novejšimi tehnologijami s

- to get acquainted with the theoretical origins of e-learning
- to acquire basic experience of using the LMS/CMS systems
- to get acquainted with basic principles of e-materials
- mastering the authoring tools for the e-materials
- to acquire basic experience with electronic

področja e-učenja

whiteboard

- to get acquainted with other new technologies from the e-learning field.

Predvideni študijski rezultati:

Intended learning outcomes:

Znanje in razumevanje:

- Strokovno-teoretično ozadje s področja e-učenja
- Prednosti in slabosti uporabe e-izobraževanja
- Organizacija distribucije in prenosa znanja

Prenesljive/ključne spretnosti in drugi atributi:

- Uporaba znanj pri izdelavi kakovostnih e-učnih gradiv
- Organiziranje in vodenje projektov za izdelavo e-učnih gradiv

Knowledge and Understanding:

- Theoretical background of e-materials.
- Advantages and disadvantages of using e-materials.
- Organization of knowledge distributions and knowledge transmission.

Transferable/Key Skills and other attributes:

- Knowledge for development of quality e-learning materials.
- Organizing and manage projects for produce e-learning materials.

Metode poučevanja in učenja:

Learning and teaching methods:

- Predavanje, razgovor in diskusija, demonstracija, metoda pisnih in grafičnih del, uporaba IKT, reševanje problemskih nalog in preiskovanje,, oblike dela (individualno delo, skupinsko delo - kooperativno učenje, timsko delo, delo v dvojicah, frontalno delo), delo z viri.

- Lecture, conversation and discussion, demonstration, method of written and graphic products, usage of ICT, problem solving and investigation, learning forms (individual work, teamwork, group learning (cooperative learning, work in pair, frontal instruction), work with sources.

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

- Portfolio s pisnimi izdelki (seminarska naloga, e-gradivo);
- opravljene vaje
- ustni izpit

30%
20%
50%

- Portfolio with student's works (seminar work, e-learning material);
- completed didactics/laboratory work
- oral exam

Materialni pogoji za izvedbo predmeta :

Predavalnica,
prenosni računalnik,
LCD-projektor z interaktivno tablo
projekcijsko platno,
internet,
računalniška učilnica.

Material conditions for subject realization

Lecture hall,
notebook,
LCD-projector with e-table,
projector screen,
internet,
computer classroom .

Obveznosti študentov:

(pisni, ustni izpit, naloge, projekti)

- Samostojni študij izbranih vsebin po predlaganih virih, učnih listih in e-gradivih;
- Opravljeno preverjanje znanja navedeno pod »Načini ocenjevanja«.

Students' commitments:

(written, oral examination, coursework, projects):

- Self-study presented in selected topics, textbooks and E-materials.
- Finished checking of knowledge presented in rubrics "Assessment"