

STRATEŠKO NAČRTOVANJE INFORMATIKE V UPRAVI

UČNI NAČRT PREDMETA/COURSE SYLLABUS

Predmet:	Strateško načrtovanje informatike v upravi
Course title:	STRATEGIC PLANNING OF INFORMATICS IN PUBLIC ADMINISTRATION
Članica nosilka/UL Member:	UL FU

Študijski programi in stopnja	Študijska smer	Letnik	Semestri	Izbirnost
Management v upravi, druga stopnja, magistrski	Upravna informatika (smer)	2. letnik	Celoletni	izbirni

Univerzitetna koda predmeta/University course code:	0069397
Koda učne enote na članici/UL Member course code:	582

Predavanja /Lectures	Seminar /Seminar	Vaje /Tutorials	Klinične vaje /Clinical tutorials	Druge oblike študija /Other forms of study	Samostojno delo /Individual student work	ECTS
21	11			118	60	7

Nosilec predmeta/Lecturer: Tina Jukić

Vrsta predmeta/Course type: Strokovno izbirni/Professional elective

Jeziki/Languages:

Predavanja/Lectures:	Angleščina, Slovenščina
Vaje/Tutorial:	Angleščina, Slovenščina

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

Ni.	No prerequisites.
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Vsebina:

Content (Syllabus outline):

<ol style="list-style-type: none">1. Evolucija vloge informacijske tehnologije ter informacijskih sistemov v organizacijah2. Poslovne strategije in njihov vpliv na razvoj informacijske infrastrukture3. Oblikovanje strategije razvoja informatike v upravnih organizacijah4. Analiza strateških dejavnikov5. Upravljanje z obstoječimi informacijskimi rešitvami ter njihov nadaljnji razvoj6. Naložbeni vidiki razvoja informacijske infrastrukture7. Strategije upravljanja z znanjem v organizaciji8. Kadrovske vidiki	<ol style="list-style-type: none">1. The evolution of the role of information technology and information systems in organizations2. Business strategies and their impact on the development of IT infrastructure3. Formulation of the strategy for development of the informatics in administrative organizations4. The analysis of strategic factors5. Management of existing IT solutions and their further development6. Investment aspects of the information infrastructure development
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	7. Strategy of knowledge management in the organization
	8. Human resources aspects

Temeljna literatura in viri/Readings:

<ol style="list-style-type: none"> 1. Pearlson, K. E., Saunders, C., S., Galletta, D. F. (2016). <i>Managing and Using Information Systems: A Strategic Approach</i>, 6th Ed. Hoboken, New Jersey: John Wiley & Sons, Inc. 2. Turban, E., Volonino, C., Wood, G. (2015). <i>Information Technology for Management: Digital Strategies for Insight, Action, and Sustainable Performance</i>, 10th Edition. New Jersey: John Wiley & Sons, Inc. 3. High, P. A. (2014). <i>Implementing World Class IT Strategy: How IT Can Drive Organizational Innovation</i>. San Francisco: John Wiley & Sons, Inc. 4. Sandoval-Almazan, R., Luna-Reyes, L. F. et al. (2017). <i>Building Digital Government Strategies: Principles and Practices</i>. Cham: Springer.

Cilji in kompetence:

Cilji in kompetence:	Objectives and competences:
<p>Cilji:</p> <ul style="list-style-type: none"> • Študent je seznanjen s pomenom strateškega načrtovanja informatike za uspešen razvoj sodobnih organizacij v javni upravi. • Študent je seznanjen s povezanostjo poslovnih ciljev organizacije z načrtovanjem informacijske infrastrukture ter pristopi k strateškemu načrtovanju informatike v javni upravi. • Študent prepozna različne metodološke pristope in kritične dejavnike uspeha na področju strateškega načrtovanja informatike v upravi, in je sposoben celovitega vrednotenja vplivov in učinkov informacijskih sistemov na različne vidike organizacijskega poslovanja. • Študent je seznanjen s specifikami strateškega načrtovanja informatike v javni upravi ter usposobljen za samostojno uporabo znanja pri reševanju najzahtevnejših problemov v javni upravi ter razvijanje novega znanja na obravnavanem področju. Sposobni so povezovati pridobljeno znanje z drugimi tematskimi področji, ga posredovati naprej in uporabljati pri samostojnem raziskovanju in delu. <p>Kompetence:</p> <ul style="list-style-type: none"> • Usposobljenost za analizo teoretičnih konceptov in značilnosti strateškega načrtovanja informatike v upravi ter učinkov ICT na posamezne organizacijske vidike. • Študent je usposobljen za samostojno uporabo znanja pri načrtovanju informacijskih rešitev v javni upravi ter razvijanje novega znanja na 	<p>Objectives:</p> <ul style="list-style-type: none"> • Student is aware of the importance of strategic information systems planning for the successful development of modern organizations in the public administration. • Student is acquainted with the relations between organization's business goals and the planning of information infrastructure, as well as approaches to strategic planning of information systems in public administration. • Student identifies a variety of methodological approaches and critical success factors in strategic planning of IT in administration, and is capable of comprehensive evaluation of the effects and impacts of information systems on various aspects of organizational functioning. • Student is familiar with the specifics of the strategic planning of ICT in public administration and trained for the independent application of knowledge in solving the most complex problems in public administration and development of the new knowledge in the field. He is able to combine this knowledge with other thematic areas, pass it on and use it within the individual research and work. <p>Competences:</p> <ul style="list-style-type: none"> • Ability to analyse the theoretical concepts and characteristics of the strategic planning of informatics in the public administration and the effects of ICT on individual organizational aspects. • Student is trained for the independent application of knowledge in the planning of

<p>obravnavanem področju. Sposobni so znanje s področja načrtovanja informatike v upravi z drugimi tematskimi področji, ga posredovati naprej in uporabljati pri samostojnem raziskovanju.</p> <ul style="list-style-type: none"> • Študent je usposobljen za strokovno analizo in identifikacijo problemov, kritično evalvacijo, sintezo in oblikovanje predlogov za boljše rešitve na področju strateškega načrtovanja informatike v javni upravi. • Usposobljenost za vrednotenje različnih dejavnikov uspeha na področju strateškega načrtovanja informatike v javni upravi in oceno vplivov informacijskih sistemov na izvajanje upravnih postopkov in drugih poslovnih procesov v javni upravi. 	<p>ICT solutions in public administration and development of the new knowledge in the field. He is able to combine knowledge from the field of ICT planning in public administration with other thematic areas, pass it on and use it within the individual research.</p> <ul style="list-style-type: none"> • Student is qualified for expert analysis and problem identification, critical evaluation, synthesis and making recommendations for better solutions in the field of strategic planning of ICT in public administration. • Ability to evaluate various success factors in strategic planning of ICT in public administration and assessment of information systems impact on the implementation of administrative procedures and other business processes in public administration.
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Predvideni študijski rezultati:

<ul style="list-style-type: none"> • Študent je sposoben samostojne kritične analize informacijskih virov, tokov in sistemov, njihovih pomanjkljivosti in razvojnih možnosti. Študent je sposoben samostojno voditi ali sodelovati v projektih vsebinske zasnove oziroma specifikacije IS v javni upravi. • Študent zna povezovati svoje znanje in razumevanje in pridobljeno znanje posredovati drugim. Sposoben je znanstveno obdelati določeno vprašanje oz. problem in je usposobljen za nadaljevanje samostojnega študija in strokovnega izpopolnjevanja. • Študent zna uporabljati pridobljeno znanje v svojem delovnem okolju oz. praksi. Študent je usposobljen za uporabo novih konceptov, metod, orodij in veščin na področju delovanja uprave na vseh ravneh. • Pridobljeno znanje omogoča poglobljeno razumevanje teorije in uporabnost znanja v praksi skozi kritično vrednotenje obstoječega stanja, potrebnih sprememb in zastavljenih ciljev.

Intended learning outcomes:

<ul style="list-style-type: none"> • Student is capable of independent critical analysis of information sources, flows and systems, their weaknesses and development opportunities. The student is able to lead or participate in projects of content design and specification of IS in public administration. • Student is able to integrate his knowledge and understanding, and pass the acquired knowledge to others. He is able to perform the scientific processing of the specific question or problem and is qualified to pursue independent study and professional training. • Student is capable of using the acquired knowledge in his working environment or practice. The student is qualified for application of new concepts, methods, tools and skills in the field of administration at all levels. • Acquired knowledge enables in-depth understanding of the theory and application of knowledge in practice through critical evaluation of the current situation, necessary renovations and set objectives.

Metode poučevanja in učenja:

<ol style="list-style-type: none"> 1. predavanja 2. analiza primerov iz prakse 3. gostovanja strokovnjakov iz prakse 4. znanstveno-raziskovalna seminarska naloga 5. skupinska predstavitev 6. spremljanje dogodkov preko elektronske klepetalnice
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Learning and teaching methods:

<ol style="list-style-type: none"> 1. lectures 2. case studies 3. hosting of practitioners 4. scientific research, seminar paper 5. (group) presentation 6. following the events via chat room
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Načini ocenjevanja:	Delež/Weight	Assessment:
Ustni ali pisni izpit.	55,00 %	Oral or written exam.
Seminarska naloga, študija primera, raziskovalni projekt – javna predstavitev.	45,00 %	Seminar paper, case study, research project – public presentation.

Reference nosilca/Lecturer's references:

- JUKIĆ, Tina, PEVCIN, Primož, BENČINA, Jože, DEČMAN, Mitja, VRBEK, Sanja. Collaborative innovation in public administration : Elektronski vir : theoretical background and research trends of co-production and co-creation. Administrative sciences. 2019, vol. 9, iss. 4, str. 1-17, ilustr. ISSN 2076-3387. <https://www.mdpi.com/2076-3387/9/4>, DOI: 10.3390/admsci9040090. [COBISS.SI-ID 5373614]
- BENČINA, Jože, JUKIĆ, Tina. How to assess whether qualified evaluations of e-government projects are conducted? : the case of Slovenia. Mednarodna revija za javno upravo. [Tiskana izd.]. dec. 2015, letn. 13, št. 3/4, str. 235-255, ilustr. ISSN 2335-3414. <http://www.fu.uni-lj.si/fileadmin/user-files/MRJU/MRJU-IPAR-2015-3-4-December.pdf>, DOI: 10.17573/ipar.2015.3-4.10. [COBISS.SI-ID 4707758]
- JUKIĆ, Tina, TODOROVSKI, Ljupčo, NAMESLAKI, András. Searching for the identity of the e-government research field : what has been done and how to proceed?. V: Insourcing and/or outsourcing : how do they contribute to the public administration reform?. Tbilisi: NISPAcee. 2015, ilustr. [COBISS.SI-ID 4731822]
- JUKIĆ, Tina, TODOROVSKI, Ljupčo, LEBEN, Anamarija, VINTAR, Mirko. Uporaba kataloga kazalnikov za vrednotenje politik, programov, projektov in storitev e-uprave. Uporabna informatika. [Tiskana izd.]. okt./nov./dec. 2015, letn. 23, št. 4, str. 199-211, ilustr. ISSN 1318-1882. [COBISS.SI-ID 4731054]
- LEBEN, Anamarija, JUKIĆ, Tina. Metode in tehnike za podporo procesni usmerjenosti organizacij. V: DEČMAN, Mitja (ur.). Javna uprava kot gonilo družbe : e-zbornik člankov. 1. izd. Ljubljana: Fakulteta za upravo, 2017. Ilustr. ISBN 978-961-262-106-3. http://www.fu.uni-lj.si/fileadmin/user-files/Zalozba/DSU2017_E-zbornik_clankov.pdf. [COBISS.SI-ID 5100206]