

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Management znanja
Course title:	Knowledge Management

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Poslovna informatika, magistrski študijski program prve stopnje	-	Prvi ali drugi	Drugi ali tretji
Business Informatics, second cycle Masters Study Programme	-	First or second	Second or third

Vrsta predmeta / Course type

Izbirni / Elective

Univerzitetna koda predmeta / University course code:

4-PI-MAG-IP-MZ-2022-05-27

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
30	-	20	-	-	100	5

Nosilec predmeta / Lecturer:

doc. dr. Boštjan Delak

Jeziki / Languages:

Predavanja / Lectures: Slovenski, angleški / Slovene, English

Vaje / Tutorial: Slovenski, angleški / Slovene, English

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

Študent/študentka mora pred pristopom k izpitu pripraviti in zagovarjati seminarsko nalogo.

Prerequisites:

Prior to the exam, the student has to prepare and present seminar work.

Vsebina:

- kaj je management znanja
- zgodovina managementa znanja
- ciklus managementa znanja
- modeli managementa znanja
- pridobivanje in hranjenje znanja
- strateška uporaba znanja
- praktična uporaba znanja
- orodja managementa znanja; orodja pridobivanja in arhiviranja znanja; orodja delitve in širjenja znanja

Content (Syllabus outline):

- what is knowledge management
- the history of Knowledge Management
- knowledge management cycles
- knowledge management models
- knowledge acquisition and gathering
- strategic use of knowledge
- practical application of knowledge
- knowledge management tools; tools acquisition and preservation of knowledge; tools for sharing and dissemination of knowledge

Temeljni literatura in viri / Readings:

- Peter Massingham, *Knowledge management, Theory and practice*, SAGE, London, UK, 2020.
- Irma Beccerra-Fernandez and Rajiv Sabherwal, *Knowledge Management, Systems & Processes*, 2nd edition, Routledge, New York, NY, USA 2015.
- Chris J. Collins, Paul J. Corney, Patricia Lee Eng, *The KM Cookbook*, Facet Publishing, London, UK, 2019.

Cilji in kompetence:

Splošne kompetence:

- Prizadevanje za kakovost strokovnega dela skozi avtonomnost, samoiniciativnost, (samo)kritičnost, (samo)refleksivnost in (samo)evalviranje.
- Usposobljenost za poslovno komuniciranje, skupinsko delo in uporabo informacijskih tehnologij v ta namen.
- Sposobnost iskanja virov in pridobivanja podatkov za potrebe digitalizacije poslovanja.

Predmetno-specifične kompetence:

- načrtovanje in obvladovanje sprememb ob oblikovanju celovite ocene stanja na področju upravljanja znanja v organizaciji z upoštevanjem relevantnih vidikov,
- sposobnost analize stanja na področju upravljanja znanja in izdelave predlogov za izboljšanje stanja,
- identifikacija kulturnih in družbenih procesov in sposobnost njihove kompleksne analize za upravljanje znanja,
- uporaba in kombiniranje znanj z različnih disciplinarnih področij.

Objectives and competences:

General competences:

- Striving for the quality of professional work through autonomy, self-initiative, as well as (self-)criticism, (self-)reflection and (self-)evaluation.
- Competences in business communication, teamwork and use of information technology for this purpose.
- The ability to find sources and obtain data for the needs of digitalization of business.

Subject-specific competences:

- planning and change management during comprehensive state evaluation in the field of knowledge management by considering various relevant aspects,
- competence to analyse the state in the field of knowledge management and generate suggestions for the improvement of said state,
- identification of cultural and social processes and competence for their complex analysis for knowledge management,
- use and combination of knowledge for various interdisciplinary fields.

Predvideni študijski rezultati:

Študenti bodo zmožni:

- argumentacije pomena upravljanja znanja za uspešnost podjetja
- pridobivanje in shranjevanje eksplicitnega znanja za upravljanje znanja

Intended learning outcomes:

Students will be able to:

- argument the importance of knowledge for the performance of the company
- acquire and understand explicit knowledge for knowledge management

- pridobivanje tihega znanja od posameznih ekspertov podjetja in prenos le-tega na druge uslužbence

- acquire tacit knowledge of experts from various companies and transfer it to the other servants

Metode poučevanja in učenja:

- predavanja z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje primerov)
- vaje
- individualne in skupinske konzultacije (diskusija, dodatna razlaga, obravnava specifičnih vprašanj)

Learning and teaching methods:

- lectures with active students' involvement (explanation, discussion, questions, examples, problem solving)
- tutorials
- individual and group consultations (discussion, additional explanation, dealing with specific questions)

Delež (v %) /
Weight (in %)

Načini ocenjevanja:

Assessment:

Način (pisni izpit, ustno izpraševanje, naloge, projekt):	Delež (v %) / Weight (in %)	Type (examination, oral, coursework, project):
<ul style="list-style-type: none"> • pisni izpit 	60	<ul style="list-style-type: none"> • written exam
<ul style="list-style-type: none"> • seminarska naloga z zagovorom 	24	<ul style="list-style-type: none"> • seminar work and its presentation
<ul style="list-style-type: none"> • vaje 	16	<ul style="list-style-type: none"> • exercises

Reference nosilca / Lecturer's references:

- DREV, Matjaž, DELAK, Boštjan. Conceptual Model of Privacy by Design. Journal of computer information systems. 2021, vol. , iss. , str. 1-8, ilustr. ISSN 0887-4417. DOI: 10.1080/08874417.2021.1939197. [COBISS.SI-ID 74349827].
- MAASDORP, Christiaan, DELAK, Boštjan. Academic and practitioner perceptions of salient knowledge-related risks : (research-in-progress). V: Abstracts Proceedings - KM Conference 2021 - Leipzig, Germany : a publication of the International Institute for Applied Knowledge Management. [Leipzig: International Institute for Applied Knowledge Management, 2021]. Str. 31. https://www.iiakm.org/conference/proceedings/KM2021_RefereedProceedingsAbstracts.pdf. [COBISS.SI-ID 74367235].
- DELAK, Boštjan, MAASDORP, Christiaan. Fast and frugal knowledge risk assessment : utilizing domain expertise and multiple reference organizations : (research-in-progress). V: Abstracts Proceedings - KM Conference 2020 - Lisbon, Portugal : a publication of the International Institute for Applied Knowledge Management. [Lisbon: International Institute for Applied Knowledge Management, 2020]. Str. 28. http://www.iiakm.org/conference/proceedings/KM2020_RefereedProceedingsAbstracts.pdf. [COBISS.SI-ID 23595011],
- KAVČIČ, Tina, DELAK, Boštjan. State of the cyber insurance products within Slovenian insurance companies. The Online journal of applied knowledge management. 2019, vol. 7, iss. 2, str. 56-68, tabele. ISSN 2325-4688. http://www.iiakm.org/ojakm/articles/2019/volume7_2/OJAKM_Volume7_2pp56-68.pdf. [COBISS.SI-ID 44763651].
- DELAK, Boštjan. Revizija neprekinjenega poslovanja = Business continuity audit. Sir*ius : revija za teorijo in prakso revizije, računovodstva, davkov, financ, ocenjevanja

vrednosti in drugih sorodnih področij. 2019, št. 5, str. 3-17. ISSN 2335-3252. <http://www.si-revizija.si/publikacijesirius/kazala-letnikov>. [COBISS.SI-ID 2048620563]

- DELAK, Boštjan, MAASDORP, Christiaan. A measurable approach for risk justification of explicit and tacit knowledge assessment. The Online journal of applied knowledge management. 2019, vol. 7, iss. 1, str. 67-85, tabele. ISSN 2325-4688. http://www.iiakm.org/ojakm/articles/2019/volume7_1/OJAKM_Volume7_1pp67-85.pdf. [COBISS.SI-ID 2048620307].
- DAVIS, Keiona, LEVY, Yair, DELAK, Boštjan. Towards a development of cybersecurity risk-responsibility taxonomy of small enterprises for data breach mitigation. V: Digital disruption. 24th Americas Conference on Information Systems (AMCIS), New Orleans, LA, August 16-18, 2018. [S. l.]: Association for Information Systems, 2018. Str. 1-6. ISBN 978-0-9966831-6-6. <https://aisel.aisnet.org/cgi/viewcontent.cgi?article=1338&context=amcis2018>, <https://aisel.aisnet.org/amcis2018/Security/Presentations/8/>. [COBISS.SI-ID 2048569363]
- DELAK, Boštjan, VASILECAS, Olegas, BAJEC, Marko. Novelties within the framework for information system due diligence. Journal of computer information systems. 2017, vol. 57, iss. 1, str. 13-21. ISSN 0887-4417. DOI: 10.1080/08874417.2016.1181482. [COBISS.SI-ID 2048405779].
- DELAK, Boštjan. Revizija stanja kibernetike varnosti = Cybersecurity auditing. Sir*ius : revija za teorijo in prakso revizije, računovodstva, davkov, financ, ocenjevanja vrednosti in drugih sorodnih področij. 2017, št. 5, str. 25-51. ISSN 2335-3252, <http://www.si-revizija.si/publikacijesirius/kazala-letnikov>. [COBISS.SI-ID 2048476179].
- DELAK, Boštjan. Measurable approach for risk justification of explicit and tacit knowledge assessment. V: KM Conference 2017, Novo Mesto, Slovenia : refereed proceedings abstracts. Novo Mesto: International Institute for Applied Knowledge Management, 2017 http://www.iiakm.org/conference/proceedings/KM2017_RefereedProceedingsAbstracts.pdf. [COBISS.SI-ID 2048475923].
- DELAK, Boštjan. The Information system mirror approach and knowledge management maturity assessment. The Online journal of applied knowledge management, ISSN 2325-4688, 2016, vol. 4, iss. 2, str. 29-43, http://www.iiakm.org/ojakm/articles/2016/volume4_2/OJAKM_Volume4_2pp29-43.pdf. [COBISS.SI-ID 2048391443].
- DELAK, Boštjan, DAMIJ, Nadja. Knowledge risk assessments. V: MASSARO, Maurizio (ur.), GARLATTI, Andrea (ur.). Proceedings of the 16th European Conference on Knowledge Management, University of Udine, Italy, 3-4 September 2015 : ECKM 2015. Reading: Academic Conferences and Publishing International, 2015. Str. 997-1004. ISBN 978-1-910810-47-7, ISBN 978-1-910810-46-0, ISBN 978-1-910810-48-4. <http://academic-conferences.org/eckm/eckm2015/eckm15-home.htm>. [COBISS.SI-ID 2048298754].
- DELAK, Boštjan. Information system mirror - approach how to analyze information system strengths and weaknesses within organization. V: KANDUČ, Tadej (ur.). Social sciences via network analysis and computation. Frankfurt am Main: Peter Lang, cop. 2015. Str. [69]-78, ilustr. ISBN 978-3-631-66522-0, ISBN 978-3-653-05820-8, [COBISS.SI-ID 2048295682].
- DELAK, Boštjan, MAJEWSKI, Grzegorz, DAMIJ, Nadja. How to identify knowledge and evaluate knowledge management in organization. The Online journal of applied knowledge management, ISSN 2325-4688, 2014, vol. 2, iss. 2, str. 162-171, . ISSN 2325-4688. http://www.iiakm.org/ojakm/articles/2014/volume2_2/OJAKM_Volume2_2pp162-171.pdf. [COBISS.SI-ID 2048301587].

- DELAK, Boštjan, BAJEC, Marko. Information system due diligence data as an input for knowledge management, 2013, vol. 1, no. 2, str. 15-24, http://www.iiakm.org/ojakm/articles/2013/volume1_2/OJAKM_Volume1_2pp15-24.pdf. [COBISS.SI-ID 10008404].
- DELAK, Boštjan. How to evaluate knowledge within the organization : research in progress report. V: Refereed proceedings - abstracts. KM Conference 2015, Katowice, Poland, 2015, 24 - 27 June 2015. [S. l.]: International Institute for Applied Knowledge Management, 2015. Str. 8. http://www.iiakm.org/conference/proceedings/KM2015_RefereedProceedingsAbstracts.pdf. [COBISS.SI-ID 20063538].
- DELAK, Boštjan. How to evaluate knowledge and knowledge management in the organization using COBIT 5. *ISACA journal*, ISSN 1944-1975, 2015, vol. 3, str. 19-23, <http://www.isaca.org/Journal/archives/2015/Volume-3/Pages/default.aspx>. [COBISS.SI-ID 20063026].
- MAJEWSKI, Grzegorz, DELAK, Boštjan, DAMIJ, Nadja. TK aware business process simulation : a case study with Slovenian high-achieving company from the SME sector. V: VIVAS, Carla (ur.), SEQUEIRA, Pedro (ur.). Proceedings of the 15th European conference on knowledge management, Polytechnic institute of Santarém, Portugal, 4-5 September 2014. Reading: Academic Conferences and Publishing International Limited, 2014. Str. 593-600. ISBN 978-1-910309-35-3, . <http://tinyurl.com/ECKM2014>. [COBISS.SI-ID 2048312851].