

UČNI NAČRT PREDMETA/COURSE SYLLABUS

Predmet:	OBVLADOVANJE VREDNOSTNE VERIGE V LOGISTIKI
Course title:	LOGISTICS VALUE-CHAIN MANAGEMENT

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
LOGISTIKA SISTEMOV 2.stopnja		1.	2.
SYSTEM LOGISTICS 2 nd degree		1.	2.

Vrsta predmeta / Course type: OBVEZNI

Univerzitetna koda predmeta / University course code: MAG

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Laboratory work	Druge oblike študija Field work	Samost. delo Individ. work	ECTS
24 e-P 21 a-P		10 e-V 30 a-V			125	7

Nosilec predmeta / Lecturer: BOJAN ROSI

Jeziki / Predavanja / Lectures: SLOVENSKI / SLOVENE
 Languages: Vaje / Tutorial: SLOVENSKI / SLOVENE

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti: Ni pogojev. Prerequisites: None.

Vsebina:	Content (Syllabus outline):
<ul style="list-style-type: none"> ▪ Opredelitev vrednostne verige oskrbne verige ▪ Logistični stroški in oskrbne verige ▪ Presojanje poslovnih izkazov ▪ Ekonomski kazalniki poslovanja ▪ Controlling. ▪ Integriran sistem vrednostne verige ▪ Obvladovanje stroškov v globalnih oskrbnih verigah 	<ul style="list-style-type: none"> ▪ Identification of value chains ▪ Logistics costs and supply chains ▪ Business results analysis ▪ Economic business indicators ▪ Controlling ▪ Integrated value-chain system ▪ Managing costs in global supply chains

Temeljna literatura in viri / Readings:

E-gradivo predmeta.
 Hanfield, R; Nicholas, E.: Transforming supply chains into integrated value systems. 2002. FT Press.
 Wisner, J.; Stanley, L.: Creating value along the supply chain. 2007. Thomson, Mason, USA.
 Christopher, M.: Logistics and supply chain management: Creating value-adding networks. 2005. Pearson education limited, London.
 Melavc, D.: Controlling, 2007, Moderna organizacija, Kranj.
 Rebernik, M.: Ekonomika podjetja. EPF.

Cilji in kompetence:

Študenti:

- spoznajo vrednostne verige,
- spoznajo logistične stroške,
- spoznajo poslovne izkaze,
- se seznanijo s finančnimi kazalniki,
- spoznajo metode presojanja vrednostne verige.

Objectives and competences:

Students will be familiarized with:

- value chains,
- logistics costs,
- business results,
- financial indicators,
- methods of value-chain analysis.

Predvideni študijski rezultati:

Znanje in razumevanje:

- pomena obvladovanja logističnih stroškov v celoviti oskrbni verigi,
- poslovnih izkazov,
- kontrolinga v ooskrbnih verigah.

Prenesljive/ključne spretnosti in drugi atributi:

Študenti se usposobijo za uporabo teoretičnega znanja v praktičnih (poslovnih) primerih.

Intended learning outcomes:

Knowledge and understanding of

- the importance for managing logistics costs in supply chains,
- business results,
- controlling in business chains.

Transferable/Key Skills and other attributes:

Students learn to apply theoretical knowledge to practice.

Metode poučevanja in učenja:

Predavanja: pri predavanjih študent spozna teoretične vsebine predmeta. Del predavanj se izvaja na klasični način v predavalnici, del pa v obliki e-predavanj (e-predavanja se lahko izvajajo na videokonferenčni način ali s pomočjo posebej v ta namen didaktično pripravljenih e-gradiv v virtualnem elektronskem učnem okolju).

Vaje: pri vajah študent utrdi teoretično znanje in spozna aplikativne možnosti. Praktične strokovne ekskurzije v podjetja v RS. Del vaj se izvaja na klasični način v predavalnici, del pa v obliki e-vaj (e-vaje se lahko izvajajo na videokonferenčni način ali s pomočjo posebej v ta namen didaktično pripravljenih e-gradiv v virtualnem elektronskem učnem okolju).

Learning and teaching methods:

Lectures: Students understand the theoretical frameworks of the course. Part of the lecture course is in a classroom while the rest is in the form of e-learning (e-lectures may be given via video-conferencing or with the help of specially designed e-material in a virtual electronic learning environment)

Tutorials: Students enhance their theoretical knowledge and are able to apply it. Part of the seminar is in a classroom while the rest is in the form of e-learning (e-tutorials may be given via video-conferencing or with the help of specially designed e-material in a virtual electronic learning environment).

Načini ocenjevanja:	Delež (v %) / Weight (in %)	Assessment:
Opravljene obveznosti e-predavanj in e-vaj so pogoj za pristop k izpitu		Successful completion of e-lectures and e-tutorials is a prerequisite for entering the exam.
Pisni izpit,	80%	Written examination, tutorials and presentation of a seminar work
vaje in	10%	
zagovor seminarske naloge.	10%	

Reference nosilca / Lecturer's references:

1. DRAGAN, Dejan, ROSI, Bojan, AVŽNER, Toni. Synergies between an observed port and a logistic company : application of the discounted cash-flow model and the Monte Carlo simulation. *Logistics & sustainable transport*, ISSN 2232-4968. [Spletna izd.], May 2017, vol. 8, no. 1, str. 1-18, ilustr. <https://doi.org/10.1515/jlst-2017-0001>, doi: [10.1515/jlst-2017-0001](https://doi.org/10.1515/jlst-2017-0001). [COBISS.SI-ID 512846141]
2. STERNAD, Marjan, JAGRIČ, Timotej, ROSI, Bojan. Railway usage charges based on marginal maintenance costs. *Proceedings of the Institution of Civil Engineers - Transport*, ISSN 1751-7710. [Online ed.] <http://dx.doi.org/10.1680/jtran.15.00058>, doi: [10.1680/jtran.15.00058](https://doi.org/10.1680/jtran.15.00058). [COBISS.SI-ID 512834877], [JCR, SNIP]
3. STERNAD, Marjan, JAGRIČ, Timotej, ROSI, Bojan. Estimating marginal infrastructure cost in new infrastructure charging model. *Tehnički vjesnik : znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku*, ISSN 1330-3651, 2017, god. 24, br. 3, str. 829-836, ilustr.

- http://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=269882, doi: [10.17559/TV-20160218095139](https://doi.org/10.17559/TV-20160218095139). [COBISS.SI-ID [512850749](#)], [JCR, SNIP, WoS do 25. 7. 2017: št. citatov (TC): 0, čistih citatov (CI): 0, Scopus do 25. 7. 2017: št. citatov (TC): 0, čistih citatov (CI): 0]
4. ROSI, Bojan, GRAŠIČ, Leon, ĐUKIĆ, Goran, OPETUK, Tihomir, LERHER, Tone. Simulation-based performance analysis of automated single-tray vertical lift module. *International journal of simulation modelling*, ISSN 1726-4529, March 2016, vol. 15, no. 1, str. 97-108, ilustr. http://w.ijssimm.com/Full_Papers/Fulltext2016/text15-1_97-108.pdf. [COBISS.SI-ID [512756285](#)], [JCR, SNIP, WoS do 27. 8. 2017: št. citatov (TC): 4, čistih citatov (CI): 4, Scopus do 30. 7. 2017: št. citatov (TC): 4, čistih citatov (CI): 4]
 5. LERHER, Tone, EKREN, Banu Y., SARI, Zaki, ROSI, Bojan. Method for evaluating the throughput performance of shuttle based storage and retrieval systems. *Tehnički vjesnik : znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku*, ISSN 1330-3651, 2016, vol. 23, no. 3, str. 715-723, ilustr. http://hrcak.srce.hr/index.php?show=toc&id_broj=12884&lang=en, doi: [10.17559/TV-20141022121007](https://doi.org/10.17559/TV-20141022121007). [COBISS.SI-ID [512778813](#)], [JCR, SNIP, WoS do 27. 8. 2017: št. citatov (TC): 3, čistih citatov (CI): 1, Scopus do 31. 8. 2017: št. citatov (TC): 4, čistih citatov (CI): 2]
 6. GRAŠIČ, Leon, LERHER, Tone, ROSI, Bojan. Evaluating costs of vehicle use in military logistics. *Tehnički vjesnik : znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku*, ISSN 1330-3651, Nov./Dec. 2016, god.=Vol. 23, br.=no. 6, str. 1679-1686, ilustr. <http://hrcak.srce.hr/169357>, doi: [10.17559/TV-20150522141708](https://doi.org/10.17559/TV-20150522141708). [COBISS.SI-ID [512822333](#)], [JCR, SNIP, WoS do 24. 1. 2017: št. citatov (TC): 0, čistih citatov (CI): 0, Scopus do 24. 1. 2017: št. citatov (TC): 0, čistih citatov (CI): 0]
 7. LERHER, Tone, EKREN, Banu Y., ĐUKIĆ, Goran, ROSI, Bojan. Travel time model for shuttle-based storage and retrieval systems. *The international journal of advanced manufacturing technology*, ISSN 1433-3015, Jun. 2015, vol. 78, iss. 9-12, str. 1705-1725. <http://dx.doi.org/10.1007/s00170-014-6726-2>, doi: [10.1007/s00170-014-6726-2](https://doi.org/10.1007/s00170-014-6726-2). [COBISS.SI-ID [512615485](#)], [JCR, SNIP, WoS do 24. 9. 2017: št. citatov (TC): 17, čistih citatov (CI): 11, Scopus do 12. 11. 2017: št. citatov (TC): 17, čistih citatov (CI): 11]

Opomba:

Navedene sestavine so obvezna sestavina učnega načrta predmeta kot ga določajo Merila za akreditacijo visokošolskih zavodov in študijskih programov v 7. členu (Ur. l. RS, št. 101/2004).