

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta: TEMELJI LOGISTIKE IN OSKRBOVALNIH VERIG
Course title: FUNDAMENTALS OF LOGISTICS AND SUPPLY CHAINS

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
LOGISTIKA SISTEMOV 1. stopnja		1.	1.
SYSTEM LOGISTICS 1 st degree		1.	1.

**Vrsta predmeta (obvezni ali izbirni) /
Course type (compulsory or elective)**

OBVEZNI
COMPULSORY

Univerzitetna koda predmeta / University course code:

UN

Predavanja Lectures	Seminar Seminar	Vaje Tutorial			Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
24 a-P 6 e-P		AV	LV	RV			60	3

Nosilec predmeta / Course coordinator:

JEREB BORUT

Jeziki /Languages:

Predavanja / Lectures: SLOVENSKI/SLOVENE

Vaje / Tutorial: SLOVENSKI/SLOVENE

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

Ni pogojev.

Prerequisites for enrolling in the course or for performing study obligations:

None.

Vsebina (kratek pregled učnega načrta):

- Logistika iz zgodovinske perspektive
- Koncepti in načela logistike in oskrbovalnih verig
- Pomen logistike in sistemski vidik
- Logistika kot proces
- Logistični cikel: aktivnosti logističnega sistema (ključne in podporne)
- Upravljanje logistike
- Logistika in dodana vrednost
- Povezava med logistiko in oskrbovalnimi verigami
- Koncept stalnih izboljšav
- Nastajajoči trendi v logistiki
- Logistika storitvenih dejavnosti

Content (syllabus outline):

- Logistics from a historical perspective
- Concepts and principals of logistics and supply chain
- The importance of logistics and a systemic view
- Logistics as a process
- The logistics cycle: activities in a logistics system (key and supporting)
- Managing logistics
- Logistics and added value
- The relation between logistics and supply chains
- The concept of continuous improvement
- Emerging trends in logistics
- Service logistics

Temeljni literatura in viri / Reading materials:

E-gradivo predmeta.

Kramar, U. (2014) *Osnove logistike : skripta za predmet*. 1. izd. Celje: Fakulteta za logistiko.

Izbrana poglavja iz/Some Chapters from:

Orbanić, J. in Rosi, B. (2017). *Razvoj transporta, logistike in mobilnosti v Sloveniji*. Celje: Fakulteta za Logistiko Univerze v Mariboru.

Rushton, A., Croucher, P. and Baker, P. (2010). *The Handbook of Logistics and Distribution Management 4th ed.* London: Kogan Page Limited.

Waters, D. (2003). *Logistics: An Introduction to Supply Chain Management*. Palgrave.

Ballou, R.H. (2004). *Business logistics/supply chain management*. Prentice- Hall Inc.

Rosi, B. (2008). *Osnove teorije sistemov*. Celje: Fakulteta za logistiko UM. Wood, D. F., Barone, A. P., Murphy, P. R. Warslow, D. L. (2002). *International Logistics*. New York : AMACOM.

Cilji in kompetence:

Študenti:

- spoznajo logistiko in oskrbovalne verige ter njun razvoj iz različnih vidikov,
- spoznajo in razumejo pomen logistike v okviru systemskega vidika,
- spoznajo in razumejo pomen logistike kot dodane vrednosti,
- spoznajo in razumejo logistiko kot proces,
- spoznajo upravljanje logistike in aktivnosti logistike,
- razumejo koncept stalnih izboljšav,
- spoznajo trende v logistiki,
- seznanijo se z logistiko v storitvenih dejavnostih.

Objectives and competences:

Students will:

- get to know logistics and supply chain and their development from different viewpoints,
- get to know and understand the importance of logistics in the frame of the systemic view,
- get to know and understand the importance of logistics as an added value,
- get to know and understand the logistics as a process,
- get to know logistics management and logistics activities,
- understand the concept of continuous improvement,
- get to know logistics trends,
- get to know service logistics.

Predvideni študijski rezultati:

Znanje in razumevanje:

- poznavanje logističnega sistema in podsistemov,
- pomena analiziranja, strukturiranja in obvladovanja logističnih procesov,
- poznavanje osnovnih konceptov logistične verige,
- povezovanje različnih znanj ter pomena uporabe strokovne literature za reševanje logističnih problemov.

Prenesljive/ključne spretnosti in drugi atributi:

- študenti se usposobijo za uporabo teoretičnega znanja v poslovnih primerih.

Intended learning outcomes:

Knowledge and understanding:

- of the logistics system and sub-systems,
- of the importance of analyzing, structuring and managing of logistics processes,
- of basic concepts of the logistics chain, of connecting different knowledge and the importance of professional literature for solving logistics problems.

Transferable/Key Skills and other attributes:

- students are trained in the use of theoretical knowledge in the practical environment.

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

Learning and teaching methods:

Lectures: Students understand the theoretical frameworks of the course. Part of the lecture course is in a classroom, part of it in the form of e-learning

e-predavanj (e-predavanja se lahko izvajajo s pomočjo posebej v ta namen didaktično pripravljenih e-gradiv v virtualnem elektronskem učnem okolju).

(e-lectures may be with the help of specially designed e-materials in a virtual electronic learning environment).

Načini ocenjevanja:	Delež (v %) / Share (in %)	Assessment methods:
<ul style="list-style-type: none"> • Opravljene obveznosti e-predavanj so pogoj za pristop k izpitu. • Pisni izpit. 	100%	<ul style="list-style-type: none"> • Successful completion of e-lectures is a prerequisite for entering the exam. • Written examination.

Reference nosilca / Course coordinator's references:

- STERNAD, Marjan, SKRÚCANÝ, Tomáš, JEREB, Borut. International logistics performance based to the DEA analysis. *Komunikácie : vedecké listy Žilinskej univerzity*, ISSN 1335-4205, 2018, vol. 20, no. 4, str. 10-15, ilustr. http://www3.uniza.sk/komunikacie/archiv/2018/4/4_2018en.pdf. [COBISS.SI-ID 512963901], [SNIP, Scopus do 8. 1. 2019: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0].
- JEREB, Borut. Mastering logistics investment management. *Transformations in business & economics*, ISSN 1648-4460, 2017, vol. 16, no. 1, str. 100-120, ilustr. <http://www.transformations.knf.vu.lt/40>. [COBISS.SI-ID 512839485], [JCR, SNIP, WoS do 12. 5. 2019: št. citatov (TC): 3, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 3.00, Scopus do 1. 3. 2019: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 2.00].
- PEJIĆ, Vaska, LERHER, Tone, JEREB, Borut, LISEC, Andrej. Lean and green paradigms in logistics : review of published research. *Promet*, ISSN 0353-5320. [Print ed.], 2016, vol. 28, str. 593-603, ilustr. <http://dx.doi.org/10.7307/ptt.v28i6.2078>. [COBISS.SI-ID 512817469], [JCR, SNIP, WoS do 15. 9. 2019: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 0.50, Scopus do 29. 8. 2019: št. citatov (TC): 4, čistih citatov (CI): 4, čistih citatov na avtorja (CIAu): 1.00].
- JEREB, Borut. Večparametrski odločitveni model za logistike z dodanimi večpredstavnimi vsebinami : visokošolski učbenik z recenzijo. Celje: Fakulteta za logistiko, 2015. ISBN 978-961-6962-15-5. <http://labinf.fl.uni-mb.si/vecparametrski-odlocitveni-model/>. [COBISS.SI-ID 282247936].
- KNEZ, Matjaž, MUNEER, Tariq, JEREB, Borut, CULLINANE, Kevin. The estimation of a driving cycle for Celje and a comparison to other European cities. *Sustainable cities and society*, ISSN 2210-6715. [Spletna izd.], Feb. 2014, vol. 11, str. 56-60, doi: 10.1016/j.scs.2013.11.010. [COBISS.SI-ID 512556349], [JCR, SNIP, WoS do 15. 9. 2019: št. citatov (TC): 15, čistih citatov (CI): 14, čistih citatov na avtorja (CIAu): 3.50, Scopus do 27. 7. 2019: št. citatov (TC): 16, čistih citatov (CI): 15, čistih citatov na avtorja (CIAu): 3.75].