

**UČNI NAČRT PREDMETA/COURSE SYLLABUS**

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

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
LOGISTIKA SISTEMOV 1.stopnja		1.	1.
SYSTEM LOGISTICS 1 <sup>st</sup> degree		1.	1.

Vrsta predmeta / Course type: OBVEZNI

Univerzitetna koda predmeta / University course code: UN

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Laboratory work	Druge oblike študija Field work	Samost. delo Individ. work	ECTS
24 a-P 6 e-P					60	3

Nosilec predmeta / Lecturer: BORUT JEREB

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

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

<p><b>Vsebina:</b></p> <ul style="list-style-type: none"> <li>• Logistika iz zgodovinske perspektive</li> <li>• Koncepti in načela logistike in oskrbovalnih verig</li> <li>• Pomen logistike in sistemski vidik</li> <li>• Logistika kot proces</li> <li>• Logistični cikel: aktivnosti logističnega sistema (ključne in podporne)</li> <li>• Vodenje logistike</li> <li>• Povezava med logistiko in oskrbovalnimi verigami</li> <li>• Koncept stalnih izboljšav</li> <li>• Nastajajoči trendi v logistiki (integrirana logistika, vitka logistika,...)</li> <li>• Logistika storitvenih dejavnosti (bolnice, vojska, turizem, humanitarna logistika, logistika v športu.....)</li> </ul>	<p><b>Content (Syllabus outline):</b></p> <ul style="list-style-type: none"> <li>• Logistics from a historical perspective</li> <li>• Concepts and principals of logistics and supply chain</li> <li>• The importance of logistics and a systemic view</li> <li>• Logistics as a process</li> <li>• The logistics cycle: activities in a logistics system (key and supporting)</li> <li>• Managing logistics</li> <li>• The relation between logistics and supply chains</li> <li>• The concept of continuous improvement</li> <li>• Emerging trends in logistics (integrated logistics, lean logistics...)</li> <li>• Service logistics (hospitals, military, tourism, humanitarian, sports...)</li> </ul>
--	---

**Temeljna literatura in viri / Readings:**

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

Izbrana poglavja iz/Some Chapters from:  
 Orbanič, 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 sistemskega vidika,
- Spoznajo in razumejo logistiko kot proces,
- spoznajo vodenje 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 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 e-predavanj (e-predavanja se lahko izvajajo 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, part of it in the form of e-learning (e-lectures may be with the help of specially designed e-materials in a virtual electronic learning environment).

**Načini ocenjevanja:**

Delež (v %) /  
Weight (in %)

**Assessment:**

<ul style="list-style-type: none"> <li>▪ Opravljene obveznosti e-predavanj so pogoj za pristop k izpitu.</li> </ul>	20%	<ul style="list-style-type: none"> <li>▪ Successful completion of e-lectures is a prerequisite for entering the exam.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Pisni izpit.</li> </ul>	60%	<ul style="list-style-type: none"> <li>▪ Written examination.</li> </ul>
<ul style="list-style-type: none"> <li>▪ Vaje in/ali seminarske naloge.</li> </ul>	20%	<ul style="list-style-type: none"> <li>▪ Exercise or seminar work.</li> </ul>

**Reference nosilca / Lecturer's references:**

- Kramar, U. (2014) *Osnove logistike : skripta za predmet*. 1. izd. Celje: Fakulteta za logistiko.
- ROSI, B., STERNAD, M. Teorija sistemov. Celje: Fakulteta za logistiko, 2010. 1 CD-ROM, graf. Prikazi.
- JEREB, B., CVAHTE, T., ROSI, B. Mastering supply chain risks. *Advanced engineering*, 2012, year 6, no. 2, str. 157-170, tabele.
- ROSI, B., MULEJ, M. Diminishing traffic negative impacts over natural environment by a requisitely holistic approach to logistics. *Logistics & sustainable transport* . [Tiskana izd.], 2008, vol. 1, no. 1, str. [1-13].

- JAKOVČIĆ, M., ROSI, B. Strategic role of maintenance in logistics of tomorrow. Logistics & sustainable transport. [Tiskana izd.], 2008, vol. 1, iss. 3, f. 25-32.
- JEREB, Borut, IVANUŠA, Teodora, ROSI, Bojan. Systemic thinking and requisite holism in mastering logistics risks : the model for identifying risks in organisations and supply chain. *Amfiteatru econ.*, Feb. 2013, vol. 15, no. 33, str. 56-73, tabele. <http://www.amfiteatruconomic.ro/ArticolEN.aspx?CodArticol=1175>. [COBISS.SI-ID [512476221](#)].