

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	OSNOVE LOGISTIKE
Course title:	BASICS OF LOGISTICS

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
GOSPODARSKA IN TEHNIŠKA LOGISTIKA 1. stopnja		1.	1.
PROFESSIONAL HIGHER EDUCATION STUDY PROGRAMME ECONOMIC AND TECHNICAL LOGISTICS 1 st degree		1.	1.

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

Univerzitetna koda predmeta / University course code:	VS
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Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
36 a-P 24 e-P		21 a-V 9 e-V			90	6

Nosilec predmeta / Course coordinator:	UROŠ KRAMAR
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Jeziki /Languages:	Predavanja / Lectures: SLOVENSKI/SLOVENE
	Vaje / Tutorial: SLOVENSKI/SLOVENE

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	Prerequisites for enrolling in the course or for performing study obligations:
Ni pogojev.	None.

Vsebina (kratek pregled učnega načrta):	Content (syllabus outline):
<ul style="list-style-type: none"> • Razvoj logistike in njena vloga v modernem gospodarskem okolju • Naloge in cilji sodobne logistike • Logistika kot sistem in njeni podsistemi • Logistika kot vir konkurenčne prednosti • Tehnologija v logistiki • Logistika v Sloveniji • Povezava med logistiko in oskrbovalnimi verigami • Struktura oskrbovalnih verig in njeno upravljanje • Dejavniki globalnih oskrbovalnih verig 	<ul style="list-style-type: none"> • Development of logistics and its role in the modern economic environment • Tasks and goals of modern logistics • Logistics as a system and sub-systems of logistics • Logistics as a source of competitive advantage • Logistics technology • Logistics in Slovenia • The link between logistics and supply chains • Supply chain structure and Supply chain management • Drivers of supply chain • Trends and strategies in global logistics and supply chains

- Trendi in strategije v svetovni logistiki in oskrbovalnih verigah

Temeljni literatura in viri / Reading materials:

Temeljni literatura in viri / Textbooks:

E-gradivo predmeta. 2020

Kramar, U. (2014) *Osnove logistike : skripta za predmet*. 1. izd. Celje: Fakulteta za logistiko. Posodobljena izdaja 2020

Izbrana poglavja iz/Some Chapters from:

Murphy, P. R. In Knemeyer, A. M. (2018). *Contemporary Logistics (Global Edition)* – 12th ed. Pearson

Christopher, M. (2011). *Logistics and Supply Chain Management* –4th ed. Pearson Education, Inc.

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

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

Chopra, S. and Meindl, P. (2016). *Supply chain management: strategy, planning, and operation*—6th ed. Pearson Education, Inc.

Cilji in kompetence:

Cilji predmeta so:

- Opisati in prepoznati vlogo logistike skozi čas
- Pridobiti temeljna znanja o logistiki in in vlogi logistike v sodobnem svetu.
- Opredeliti in pojasniti strukturo logistike kot sistema in njenih podsistemov
- Seznaniti študente s svetovnimi trendi in povezanostjo z logistiko in oskrbovalnimi verigami
- Pridobiti osnovna znanja o oskrbovalnih verigah in povezanostjo med logistiko in oskrbovalnimi verigami
- Razumeti povezavo med logistiko in oskrbovalnimi verigami

Kompetence, ki jih študentje osvojijo:

- prepoznajo cilje, naloge in vlogo logistike v podjetjih/organizacijah
- pridobijo teoretično znanje s področja temeljnega razumevanja logistike
- identificirajo in interpretirajo logistične podsisteme
- pridobijo teoretično znanje s področja osnov upravljanja oskrbovalnih verig
- razumejo povezanost svetovnih trendov, logistike in oskrbovalnih verig

Objectives and competences:

The objectives of the course are:

- Describe and identify the role of logistics over time
- Acquire basic knowledge about logistics and the role of logistics in the modern world.
- Define and explain the structure of logistics as a system and its subsystems
- To acquaint students with global trends and connections with logistics and supply chains
- Acquire basic knowledge about supply chains and the connection between logistics and supply chains
- Understand the link between logistics and supply chains

Competences that students acquire:

- identify the goals, tasks and role of logistics in companies / organizations
- acquire theoretical knowledge in the field of basic understanding of logistics
- identify and interpret logistics subsystems
- acquire theoretical knowledge in the field of the basics of supply chain management
- understand the interconnectedness of global trends, logistics and supply chains

Predvideni študijski rezultati:

Intended learning outcomes:

Študent je sposoben:

- definirati logistiko in oskrbovalne verige
- opisati in pojasniti osnovne cilje in naloge logistike ter njeno koristnost
- predstaviti in razložiti vlogo logistike skozi čas
- opredeliti in prepoznati logistične podsisteme
- opisati in razložiti vlogo logistike v sodobnem gospodarskem okolju
- opisati povezavo tehnologije in logistike
- predstaviti logistiko v sloveniji in globalnem okolju
- prepoznati povezavo med logistiko in oskrbovalnimi verigami
- klasificirati dejavnike, ki vplivajo na oskrbovalne verige
- pojasniti strukturo oskrbovalnih verig
- predstaviti svetovne trende in umestiti logistiko v globalne oskrbovalne tokove

The student can:

- define logistics and supply chains
- describe and explain the primary goals and tasks of logistics and its usefulness
- present and explain the role of logistics over time
- identify and identify logistics subsystems
- describe and explain the role of logistics in the modern economic environment
- describe the connection between technology and logistics
- to present logistics in Slovenia and the global environment
- identify the link between logistics and supply chains
- classify factors affecting supply chains
- explain the structure of supply chains
- present global trends and place logistics in global supply flows

Metode poučevanja in učenja:

Predmet vključuje različne metode poučevanja in učenja, kot so: predavanja, diskusijske skupine, video predstavitve in filmi, primeri iz prakse ter predstavitve in samostojni študij študentov.

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. 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:

This course uses a range of teaching methods including lectures, discussion groups, videos and films, case studies, student presentation and independent study of students.

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 %) / Share (in %)	Assessment methods:
<ul style="list-style-type: none"> • Opravljene obveznosti e-predavanj in e-vaj so pogoj za pristop k izpitu. • Seminararska naloga (v sklopu samostojnega dela). 	10%	<ul style="list-style-type: none"> • Successful completion of e-lectures and e-tutorial is a prerequisite for entering the exam. • Seminar paper (within individual work).
<ul style="list-style-type: none"> • Pisni izpit. 	90%	<ul style="list-style-type: none"> • Written examination.

Reference nosilca / Course coordinator's references:

- KRAMAR, Uroš, STERNAD, Marjan, CVAHTE OJSTERŠEK, Tina. Logistics performance and its connection to competitiveness of the national economy in Slovenia and the Visegrad Group. *European perspectives : journal on European perspectives of the Western Balkans*. Oct. 2015, vol. 7, no. 2, str. 83-100, ilustr. ISSN 1855-7694. [COBISS.SI-ID 512726589]
- KRAMAR, Uroš. Processes approach as a challenge to optimize logistics. V: AKBULATOV, Ė. Š. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy IX Meždunarodnoj naučno-praktičeskoj konferencii (21-22 marta 2019 g., Krasnojarsk) : èlektronnyj sbornik = Logistic systems in global economy : proceedings IX of International Scientific-Practical Conference (21-22 [March], 2019, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj universitet nauki i tehnologij imeni akademika M. F. Rešetneva: = Reshetnev Siberian State University of Science and Technology, 2019. Str. 38-42. <https://disk.sibsau.ru/index.php/s/tILZpoxBvGrQH4I>. [COBISS.SI-ID 513013821]
- KRAMAR, Uroš. 7 waste approach to improve the efficiency of logistics. V: AKBULATOV, Ė. Š. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy IX Meždunarodnoj naučno-praktičeskoj konferencii (21-22 marta 2019 g., Krasnojarsk) : èlektronnyj sbornik = Logistic systems in global economy : proceedings IX of International Scientific-Practical Conference (21-22 [March], 2019, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj universitet nauki i tehnologij imeni akademika M. F. Rešetneva: = Reshetnev Siberian State University of Science and Technology, 2019. Str. 34-37. <https://disk.sibsau.ru/index.php/s/tILZpoxBvGrQH4I>. [COBISS.SI-ID 513014077]
- KRAMAR, Uroš. The influence of industry 4.0 on logistics. V: DEREVYANYKH, D. N. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy VIII Meždunarodnoj naučno-praktičeskoj konferencii (02 marta 2018 g., Krasnojarsk) : elektronnyj sbornik = Logistic systems in global economy : proceedings VIII of International Scientific-Practical Conference (02 March, 2018, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj aerokozmičeskij universitet imeni akademika M. F. Rešetneva, 2018. Str. 23-26. http://vseup.ru/static/files/logist_sistemy_2018.pdf. [COBISS.SI-ID 512915261]
- KRAMAR, Uroš. Logistics as a source of economic benefits. V: DEREVYANYKH, D. N. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy VIII Meždunarodnoj naučno-praktičeskoj konferencii (02 marta 2018 g., Krasnojarsk) : elektronnyj sbornik = Logistic systems in global economy : proceedings VIII of International Scientific-Practical Conference (02 March, 2018, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj aerokozmičeskij universitet imeni akademika M. F. Rešetneva, 2018. Str. 18-22. http://vseup.ru/static/files/logist_sistemy_2018.pdf. [COBISS.SI-ID 512967997]
- KRAMAR, Uroš. The role of logistics in enhancing the effectiveness and efficiency of a company. V: DRAŠKOVIĆ, Veselin. *Management and logistics : selected topics*. 1st electronic ed. Czestochowa [etc.]: SPH - Scientific Publishing Hub, 2016. Str. 55-68, ilustr. ISBN 978-961-6948-06-7. <http://sphub.org/books/management-and-logistics>, <https://dk.um.si/IzpisGradiva.php?id=70380>. [COBISS.SI-ID 512763709]