

UČNI NAČRT PREDMETA/COURSE SYLLABUS

Predmet:	NAČELA LOGISTIČNIH AKTIVNOSTI
Course title:	PRINCIPLES OF LOGISTICS ACTIVITIES

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

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 e-P 21 a-P		24 e-V 21 a-V			150	8

Nosilec predmeta / Lecturer: DARJA TOPOLŠEK

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>Vsebina:</p> <ul style="list-style-type: none"> • Opredelitev tehnologije v logistiki in oskrbovalnih verigah. • Stopnje tehnološkega razvoja oskrbovalne verige in logistike. • Funkcionalne aktivnosti logistike. • Kompetence oskrbovalne verige. • Sodobne tehnologije v logistiki in oskrbovalnih verigah na področju: <ul style="list-style-type: none"> - Upravljanja odnosov s potrošniki - Transporta - Upravljanja zalog ... • Uporaba tehnologije za povečanje logistične konkurenčne prednosti. • Logistični informacijski sistemi. • Osnove inteligentnosti logistike . • Poslovna inteligenca in logistika, sodobne inteligentne tehnike in tehnologije. 	<p>Content (Syllabus outline):</p> <ul style="list-style-type: none"> ▪ Definition of technology in logistics and supply chains. ▪ Stages of technological development in logistics and supply chains. ▪ Functional activities of logistics. ▪ Competencies of supply chains. ▪ Contemporary technologies in logistics and supply chains: <ul style="list-style-type: none"> - Customer relations management, - Transport, - Inventory management... ▪ Use of technology for gaining logistics competitive advantage. ▪ Logistics information systems. ▪ Basics of the intelligence of logistics. ▪ Business intelligence and logistics, contemporary intelligent techniques and technologies.
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Temeljna literatura in viri / Readings:

- E-gradivo predmeta.
- Topolšek, D. (2010). *Osnove logističnih tehnik in tehnologij* : e-gradivo. Celje: Fakulteta za logistiko UM.
- Ross, D. F. (2011). *Introduction to supply chain management technologies*. New York: Taylor and Francis Group.
- Ballou, R.H. (2004). *Business logistics/supply chain management*. Prentice- Hall Inc.
- *T-Plan: the fast start to Technology Roadmapping, Planning your route to success* (2001). University of

Cambridge, Institute for Manufacturing.

- Blecker, T., Kersten, W. & Meyer, M. (2009) *High-performance Logistics: methods and technologies*. Berlin: Erich Schmidt Verlag.
- Wood, D. F., Barone, A. P., Murphy, P. R. Warslow, D. L. (2002). *International Logistics*. New York : AMACOM.

Cilji in kompetence:

Študenti:

- spoznajo in razumejo pomen tehnologije v logistiki ter njen razvoj,
- spoznajo funkcionalnost logističnih aktivnosti in njene tehnološke aktivnosti,
- se naučijo slediti razvoju logističnih tehnologij,
- osvojijo pomen inteligentne logistike za celoten logistični sistem.

Objectives and competences:

Students will:

- get to know and understand the meaning of technology in logistics and its development,
- get to know the functionality of logistics activities and their technological activities,
- learn to follow the trends in development of logistics technologies,
- understand the meaning of intelligent logistics for the whole logistics system.

Predvideni študijski rezultati:

Znanje in razumevanje:

- tehnološkega razvoja posameznih logističnih aktivnosti,
- konkretnih možnosti uporabe tehnologij v logistiki,
- pomena posameznih logističnih aktivnosti za uspešen logistični sistem.

Prenesljive/ključne spretnosti in drugi atributi:

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

Intended learning outcomes:

Knowledge and understanding:

- of technological development of logistics activities,
- of concrete possibilities to use technology in logistics,
- of the importance of individual logistics activities for an efficient logistics system.

Transferable/Key Skills and other attributes:

- the ability to apply theoretical knowledge to professional 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. 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 oziroma ustni izpit.	70%	▪ Written or Oral examination.
▪ Ocena iz vaj.	30%	▪ Grade from tutorials.

Reference nosilca / Lecturer's references:

- Načela logističnih aktivnosti [Elektronski vir]: e-gradivo Topolšek, Darja; Cvahte Ojsteršek, Tina, učno gradivo, Celje : Fakulteta za logistiko, 2014, slovenski, COBISS.SI-ID: 512651325.
- LIPIČNIK, M., TOPOLŠEK, D. European logistics strategies. *Strategijski menadžment*, 2008, god. 13, br. 1, str. 2-9.

- TOPOLŠEK, D. Osnove logističnih tehnik in tehnologij : e-gradivo. Celje: Fakulteta za logistiko, 2010. 1 CD-ROM, graf. prikazi.
- TOPOLŠEK, D. Sodobne tehnike in tehnologije v logistiki : e-gradivo. Celje: Fakulteta za logistiko, 2010. 1 CD-ROM, graf. Prikazi.
- TOPOLŠEK, Darja, ČIŽMAN, Anton, LIPIČNIK, Martin. Collaborative behaviour as a facilitator of integration of logistic and marketing functions : the case of Slovene retailers. *Promet (Zagreb)*, 2010, vol. 22, no. 5, str. 353-362, tabele, ilustr., graf. prikazi.
- TOPOLŠEK, D., ČURIN, A. The role of employee relations in the level of internal integration between logistics and marketing functions : the case of Slovenian retail companies. *Organizacija (Kranj)*, jan.-feb. 2012, letn. 45, št. 1, str. 3-13, graf. prikazi, doi: 10.2478/v10051-012-0001-9. [COBISS.SI-ID 512397373]
- ORTHABER, S., TOPOLŠEK, D. Relationship between culture and the level of internal integration of logistics and marketing functions - an explorative analysis. *Research in logistics & production*, 2012, vol. 2, no. 2, str. 135-146
- STERNAD, M., TOPOLŠEK, D., KNEZ, M. The case of Slovenian international comparative advantage in logistics services. *Strateg. manag. (Subot.)*, 2012, vol. 17, no. 2, str. 22-30, ilustr., tabela. [COBISS.SI-ID 512434237]
- TOPOLŠEK, D. External and internal integration in supply chain and its importance for the success of the company. V: KRAMBERGER, Tomaž (ur.), ČURIN, Andreja (ur.), IPAVEC, Vesna Mia (ur.). *Proceedings of the 8th International Conference on Logistics & Sustainable Transport 2011*. Celje: Faculty of Logistics, 2011, str. 208-217.