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 1st 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 / Languages: Predavanja / Lectures:	SLOVENSKI / SLOVENE
Vaje / Tutorial:	SLOVENSKI / SLOVENE

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

Vsebina:	Content (Syllabus outline):
• 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: - 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.	▪ 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: - 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.

Temeljni 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:

- 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.