UČNI NAČRT PREDMETA/COURSE SYLLABUS	
Predmet:	TRANSPORT V LOGISTIČNEM SISTEMU
Course title:	TRANSPORT IN THE LOGISTICS SYSTEM

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
GOSPODARSKA IN TEHNIŠKA LOGISTIKA 1. stopnja		2.	3.
PROFESSIONAL HIGHER EDUCATION STUDY PROGRAMME ECONOMIC AND TECHNICAL LOGISTICS 1st degree		2.	3.

Vrsta predmeta / Course type	OBVEZNI
Univerzitetna koda predmeta / University course code:	VS

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		120	7

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):
• Promet in transport v logističnih operacijah. • Značilnosti, infrastruktura, suprastruktura in tehnologije različnih prometnih vej. • Sodobni vidiki transportnih tehnologij, unitizacije tovora in manipulacij. • Vloga podpornih dejavnosti pri transportu in logistiki. • Načrtovanje transportnih operacij in procesov, faze prevoznega procesa. • Posebni pogoji transporta glede na specifike tovora. • Stroškovni vidik transporta. • IT podpora izbiri modalitet, časov, ponudnikov… • Varnost in varovanje tovora v prometu.	• Traffic and transport in logistics operations. • Features, infrastructure, suprastructure and technologies of different transport systems. • Contemporary aspects of transport technologies, cargo unitization and manipulations. • The role of supporting activities in transport and logistics. • Transport operation and process planning, phases of the transport process. • Specific conditions of cargo transport based on cargo specifics. • Costs of transport. • IT support for choosing transport modalities, times, providers… • Safety and security in traffic.

Temeljni literatura in viri / Readings:

- E-gradivo predmeta.
- Topolšek, D. (2012). *Transportne tehnike, tehnologije in infrastruktura* : e-gradivo. Celje: Fakulteta za logistiko UM.
- Zelenika, R., Jakomin, L. (1995). *Suvremeni transportni sustavi.* Rijeka: Ekonomski fakultet.
- Stroh, M. B. (2006). *A Practical Guide to Transportation and Logistics*. Dumont: Logistics Network.

- Novack, C. Bardi, G. (2011). *Management of transportation*. Avstralija: South-Western Cengage Learning.
- Harris, J. (2010). *Transportation : the impact of science and technology*. Pleasantville N.J.: Gareth Stevens Pub.

Cilji in kompetence:

Študenti:
- osvojijo pomen termina promet in transport v logistiki,
- poznajo infra in suprastrukturo in sodobne transportne tehnologije,
- osvojijo načrtovanje transportnih operacij in poznajo specifične oblike transporta,
- poznajo stroškovni vidik transporta,
- razumejo varnost in varovanja tovora v transportu.

Objectives and competences:

Students will:
- understand the meaning of the terms traffic and transport in logistics,
- know infra- and suprastructure as well as contemporary transport technologies,
- know transport operation planning and specific forms of transport,
- know the cost aspect of transport,
- understand safety and security of cargo in transport.

Predvideni študijski rezultati:

Znanje in razumevanje:
- konkretnih možnostih uporabe infra- in supra-strukture za izvajanje transportnih storitev v logistiki,
- uporabe sodobnih tehnoloških transportnih elementov v teoriji in gospodarstvu.

Prenesljive/ključne spretnosti in drugi atributi:
- študenti se usposobijo za uporabo teoretičnega znanja v praktičnih primerih.

Intended learning outcomes:

Knowledge and understanding:
- of concrete possibilities of infra- and suprastrucutre use for transport services in logistics,
- use of contemporary technological transport elements in theory and economy.

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 izpit.	▪ 70%	▪ Written examination.
▪ Ocena iz vaj.	▪ 30%	▪ Grade from tutorials.

Reference nosilca / Lecturer's references:

- Transport v logističnem sistemu [Elektronski vir] : visokošolski učbenik Topolšek, Darja; Cvahte Ojsteršek, Tina, učbenik 1st electronic ed. - Celje : Fakulteta za logistiko, 2016 slovenski ISBN 978-961-6962-18-6 (pdf).
- TOPOLŠEK, Darja. Transportne tehnike, tehnologije in infrastruktura : e-gradivo. Celje: Fakulteta za logistiko, 2012. 1 CD-ROM, graf. prikazi. [COBISS.SI-ID 512518973].

- TOPOLŠEK, Darja, LIPIČNIK, Martin. System dynamic model of measures for reducing the number of road accidents due to wrong-way movement on motorways. *Promet (Zagreb)*, 2009, vol. 21, no. 2, str. 85-91.
- STERNAD, Marjan, SAFRAN, Matjaž, TOPOLŠEK, Darja. International comparative advantage in transport services: the case of Slovenia. Montenegrin journal of economics, 2011, vol. 8, no. 1, str. 179-186. [COBISS.SI-ID 512414269].
- KRAMAR, Uroš, LIPIČNIK, Martin, TOPOLŠEK, Darja. Contemporary issues in public transport system = Savremeni trendovi u sistemu javnog saobraćaja. V: KATIĆ, Vladimir (ur.). XIV Internacionalni naučni skup SM2009 "Strategijski menadžment i sistemi podrške odlučivanju u strategijskom menadžmentu", Subotica-Palić, 21-22 maj, 2009 godine = 14th International Scientific Symposium SM2008 "Strategic Management and Decision Support Systems in Strategic Management", Subotica-Palic, 21-22 may, 2009. *Zbornik radova*. Subotica: Ekonomski fakultet, 2009, 12 f.
- STERNAD, Marjan, TOPOLŠEK, Darja. International competitiveness of road and rail transport services. V: SŁADKOWSKI, Aleksander (ur.). Actual problems of logistics. Gliwice: Wydawnictwo politechniki Śląskiej, 2012, str. 55-74. [COBISS.SI-ID 512483901].
- TOPOLŠEK, Darja, MEŠIĆ, Amra. Kaj znižuje pretočnost dvopasovnega krožnega križišča?. Transport (Ljubl.), feb. 2013, letn. 13, št. 12, str. 38-39, fotograf. [COBISS.SI-ID 512484157].
- TOPOLŠEK, Darja, HERBAJ, Elvis Alojzij. Tragičnost prometnih nesreč zaradi nasprotne smeri vožnje po avtocesti. Transport (Ljubl.), nov. 2009, letn. 9, št. 11, str. 28-30, ilustr. [COBISS.SI-ID 512169533].
- STRMLJAN, Metoda, HERBAJ, Elvis Alojzij, TOPOLŠEK, Darja. Elderly participants of traffic accidents. V: IPAVEC, Vesna Mia (ur.), KRAMBERGER, Tomaž (ur.). 9th International Conference on Logistics & Sustainable Transport, ICLST 2012, Celje, Slovenia, 13-15 June 2013. Pre-conference proceedings of the 10th International Conference on Logistics & Sustainable Transport 2013, Celje, Slovenia, 13-15 June 2013. Celje: Faculty of Logistics, 2013, str. 332-338. [COBISS.SI-ID 512512829].
- HERBAJ, Elvis Alojzij, TOPOLŠEK, Darja, ŠTEINER, Srečko, STERNAD, Gabrijel. Varnost intervencijskih služb na avtocestah ob obravnavi prometnih nesreč. V: 11. slovenski kongres o cestah in prometu = 11th Slovenian Road and Transport Congress, Portorož, 24.-25. oktobra 2012. Referati. Ljubljana: DRC, Družba za raziskave v cestni in prometni stroki Slovenije, 2012, 11 str., ilustr. [COBISS.SI-ID 16511029].
- JEREB, Borut, FRIC, Urška, TOPOLŠEK, Darja. Simulation of a road junction model. V: Transport problems 2012 : IV international scientific conference proceedings. Katowice: Silesian University of Technology, 2012, str. [248]-257, ilustr. [COBISS.SI-ID 512432701].