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

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.	2.
PROFESSIONAL HIGHER EDUCATION STUDY PROGRAMME ECONOMIC AND TECHNICAL LOGISTICS 1st degree		1.	2.

Vrsta predmeta (obvezni ali izbirni) / **Course type (compulsory or elective)**	OBVEZNI COMPULSORY
Univerzitetna koda predmeta / University course code:	VS

Predavanja **Lectures**	**Seminar** **Seminar**	**Vaje** **Tutorial**	**Klinične vaje** **Clinical training**	**Druge oblike študija** **Other forms of study**	**Samost. delo** **Individual work**	**ECTS**
24 e-P 21 a-P		24 e-V 21 a-V			150	8

Nosilec predmeta / Course coordinator:	**DARJA TOPOLŠEK**
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):**
• Vloga transporta v logističnih verigah. • Značilnosti, infrastruktura, suprastruktura in tehnologije različnih transportnih vej. • Sodobni vidiki transportnih tehnologij, unitizacije tovora in manipulacij. • Transportne operacije in procesi. • Vloga podpornih dejavnosti pri transportu in logistiki. • Vrste in značilnosti tovorov in blaga. • Posebni pogoji transporta glede na specifike tovora. • Sledenje tovora.	• The role of transport in logistics chains. • Characteristics, infrastructure, suprastructure and technologies of different transport branches. • Modern aspects of transportation technologies, cargo unitization and manipulation. • Transport operations and processes. • The role of support activities in transportation and logistics. • Types and characteristics of cargo and goods. • Special conditions of transport depending on the specifics of the cargo. • Cargo tracking.

• Varnost pri delu in varovanje tovora v transportu. • Regulativa in dokumentacija v transportu.	• Safety at work and cargo protection during transport. • Transport regulations and documentation.

Temeljni literatura in viri / Reading materials:

- TOPOLŠEK, Darja, CVAHTE OJSTERŠEK, Tina. Transport v logističnem sistemu : visokošolski učbenik. 1st electronic ed. Celje: Fakulteta za logistiko, 2016. ISBN 978-961-6962-18-6. https://estudij.um.si/mod/data/view.php?id=74418. [COBISS.SI-ID 284727296].
- 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 pri tem predmetu:

- spoznajo značilnosti in uporabo transportne infrastrukture, suprastrukture in procesov,
- poznajo načine nadzora in koordinacije transportnih operacij,
- poznajo modalitete transporta in razumejo proces izbire,
- poznajo karakteristike različnih tipov blaga,
- poznajo sistem sledenja pošiljk in toka materiala,
- poznajo sodobne transportne tehnologije,
- poznajo sisteme varnosti in varovanja tovora.

Objectives and competences:

Students will:

- understand the characteristics and use of transport infrastructure, superstructure and processes,
- to know how to monitor and coordinate transport operations,
- learn about transport modalities and understand the selection process,
- to know the characteristics of different types of goods,
- to know the shipment tracking system and material flow,
- acquainted with modern transport technologies,
- become familiar with cargo security and safety systems.

Predvideni študijski rezultati:

Znanje in razumevanje:

- konkretnih možnostih uporabe infra- in supra-strukture za izvajanje transportnih storitev v logistiki,
- uporabe sodobnih tehnoloških transportnih elementov,
- elementov, ki vplivajo na načrtovanje in izvajanje transportnih operacij.

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 suprastructure use for transport services in logistics,
- use of contemporary technological transport elements,
- of elements that affect the planning and executing of transport operations.

Transferable/Key Skills and other attributes:

- the ability to apply theoretical knowledge to professional practice.

Metode poučevanja in učenja:	Learning and teaching methods:
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).	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:
Opravljene obveznosti e-predavanj in e-vaj ter izdelana seminarska naloga so pogoj za pristop k izpitu.		Completed assignments from e-lectures and e-tutorials and a completed seminar paper are prerequisites for attending the written examination
• Pisni izpit. • Ocena iz vaj (seminarska naloga in sprotno delo).	70% 30%	• Written examination. • Tutorial grade (seminar paper and individual assignments).

Reference nosilca / Course coordinator's references:

1. TOPOLŠEK, Darja, ČIŽIUNIENE, Kristina, CVAHTE OJSTERŠEK, Tina. Defining transport logistics : a literature review and practitioner opinion based approach. Transport, ISSN 1648-4142. [Print ed.], 2018, vol. 33, iss. 5.
2. STERNAD, Marjan, CVAHTE OJSTERŠEK, Tina, TOPOLŠEK, Darja, JUSTINEK, Gorazd. The influence of logistics barriers on lead times and service levels in Slovenia. International journal of logistics systems and management, ISSN 1742-7975. [Online ed.], 2016, vol. 23, no 4.
3. CVAHTE OJSTERŠEK, Tina, TOPOLŠEK, Darja, STERNAD, Marjan. The impact of clustering on transport companies. Production Engineering Archives, ISSN 2353-5156, 2015, vol. 7, no. 2.
4. TOPOLŠEK, Darja, HERBAJ, Elvis Alojzij, STERNAD, Marjan. The accuracy analysis of measurement tools for traffic accident investigation. Journal of transportation technologies, ISSN 2160-0473, Jan. 2014, vol. 4, no. 1.
5. TOPOLŠEK, Darja, HRIBAR, Suzana, STERNAD, Marjan. Road traffic safety in conjunction with in-vehicle ITS. Transport problems : international scientific journal, ISSN 1896-0596. [Printed ed.], 2014, vol. 9, iss. 2.