

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta: TRANSPORTNA EKONOMIKA
Course title: TRANSPORT ECONOMICS

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
GOSPODARSKA IN TEHNIŠKA LOGISTIKA 1. stopnja		3.	5.
PROFESSIONAL HIGHER EDUCATION STUDY PROGRAMME ECONOMIC AND TECHNICAL LOGISTICS 1 st degree		3.	5.

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

IZBIRNI
ELECTIVE

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
15 e-P 30 a-P		15 e-V 30 a-V			90	6

**Nosilec predmeta / Course
coordinator:**

MARJAN STERNAD

Jeziki /Languages:

Predavanja / Lectures: SLOVENSKI/SLOVENE

Vaje / Tutorial: SLOVENSKI/SLOVENE

**Pogoji za vključitev v delo oz. za opravljanje
študijskih obveznosti:**

Ni pogojev.

**Prerequisites for enrolling in the course or for
performing study obligations:**

None.

Vsebina (kratek pregled učnega načrta):

- Opredelitev transportne ekonomike
- Prometna politika
- Transportni trg in regulacija
- Transportni stroški
- Stroški podpornih logističnih dejavnosti
- Tarife v transportu
- Tarifa skladiščnih storitev
- Določanje cene transporta
- učinkovitost transportnih sistemov
- Finančni kazalniki transportnega podjetja

Content (syllabus outline):

- Definition of transport economics
- Transport policy
- Transport market and regulation
- Transport costs
- Cost of supporting logistics activities
- Tariff in transport
- Tariff of warehousing services
- Pricing of transportation
- efficiency of transportation systems
- Financial indicators of the transport company

Temeljni literatura in viri / Reading materials:

Sternad, M. Transportna ekonomika e-gradivo. Celje, 2020.
Rosi, B., Sternad, M., Sodobni transportni sistemi e-gradivo, 2012.
Button, K. Transport economics, USA, 2010.
Blauwens, G., De Baere, P., Van de Voorde, E. Transport economics, Antwerpen, 2010.
Sternad, M., Hočevar, M. (2021). Stroškovna analiza in model lastne cene cestnega tovornega prometa. Obrtno-podjetniška zbornica Slovenije.

Cilji in kompetence:

Cilji predmeta so:

- spoznati in razumeti pomen transportne ekonomike v logistiki;
- razumeti povezavo med ekonomijo in transportom;
- izračunati stroške transportnih poti v različnih transportnih sistemih;
- razumeti osnovne kazalnike poslovne uspešnosti in učinkovitosti transportnih podjetij.

Kompetence, ki jih pridobijo študenti:

- spoznajo in razumejo področja transportne ekonomike;
- spoznajo in razumejo prometno politiko in vpliv na ekonomijo;
- spoznajo in razumejo transportne stroške in kalkulacije v poslovanju;
- razumejo pomen poslovnega izida v kontekstu poslovne uspešnosti in učinkovitosti transportnega podjetja.

Objectives and competences:

The objectives of the course are:

- get to know and understand the importance of transport economics in logistics;
- understand the link between economics and transport;
- calculate the costs of transport routes in different transport systems;
- understand the basic indicators of business performance and efficiency of transport companies.

Competences acquired by students:

- get to know and understand the areas of transport economics;
- get to know and understand transport policy and the impact on the economy;
- get to know and understand transport costs and business calculations;
- understand the importance of profit or loss in the context of the business performance and efficiency of the transport company.

Predvideni študijski rezultati:

Znanje in razumevanje:

Študent bo ob zaključku predmeta zmožen:

- opredeliti in razumeti transportno ekonomiko;
- razumeti delovanje transportnega trga;
- izračunati transportne stroške in pripraviti kalkulacijo za posamezno vrsto transporta;
- določiti prodajno ceno transportne storitve na podlagi stroškovne analize;
- opredeliti osnovne kazalnike poslovne uspešnosti in učinkovitosti transportnega podjetja.

Prenesljive/ključne spretnosti in drugi atributi:

Študenti se usposobijo za uporabo in analizo teoretičnega znanja v praktičnih (poslovnih) primerih.

Intended learning outcomes:

Knowledge and understanding:

Upon completion of the course, the student will be able to:

- define and understand transport economics;
- understand the functioning of the transport market;
- calculate transport costs and prepare a calculation for each type of transport;
- determine the selling price of transport services based on cost analysis;
- identify basic business performance and efficiency indicators of the transport company.

Transferable/Key Skills and other attributes:

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Students learn to apply and analyse their theoretical knowledge to practical situations.

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 %) / Share (in %)	Assessment methods:
Opravljene obveznosti e-predavanj in e-vaj so pogoj za pristop k izpitu. <ul style="list-style-type: none"> ▪ Pisni izpit. ▪ Seminarska naloga z zagovorom pri vajah. 	80% 20%	Successful completion of e-lectures and e-tutorials is a prerequisite for entering the exam. <ul style="list-style-type: none"> ▪ Written examination. ▪ Individual course papers.

Reference nosilca / Course coordinator's references:

1. STERNAD, Marjan. Transport cost function : case of Slovenian regional rail lines. V: DRAŠKOVIĆ, Veselin. *Management and logistics : selected topics*. 1st electronic ed. Czestochowa [etc.]: SPH - Scientific Publishing Hub, 2016, str. 35-53, ilustr. <http://sphub.org/books/management-and-logistics>.
2. STERNAD, Marjan, CVAHTE, 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, str. 519-533.
3. TOPOLŠEK, Darja, HRIBAR, Suzana, STERNAD, Marjan. Road traffic safety in conjunction with in-vehicle ITS. *Transport problems*, ISSN 1896-0596. [Printed ed.], 2014, vol. 9, iss. 2, str. 49-60.
4. CVAHTE, Tina, TOPOLŠEK, Darja, STERNAD, Marjan. The impact of clustering on transport companies. *Production Engineering Archives*, ISSN 2353-5156, 2015, vol. 7, no. 2, str. 25-28.
5. STERNAD, Marjan. Competitiveness of regional railways in Slovenia. V: DOLINOV, F. F. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy V meždunarodnoj naučno-praktičeskoj konferencii (2-3 aprilja 2015 g., Krasnojarsk) = Logistics systems in global economy : proceedings V of international scientific-practical conference, 2-3 April, 2015, Krasnojarsk*. Krasnojarsk: Sibirskij gosudarstvennyj aèrokosmičeskij universitet imeni akademika M. F. Rešetneva, 2015, str. 49-52.