

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	EKONOMIKA V LOGISTIKI
Course title:	ECONOMICS IN LOGISTICS

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. degree			

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
15 e-P 30 a-P		15 e-V 30 a-V			150	8

Nosilec predmeta / Lecturer: MARJAN STERNAD

Jeziki / Predavanja / Lectures: SLOVENSKI / SLOVENE
 Languages: Vaje / Tutorial: SLOVENSKI / SLOVENE

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

Prerequisites:

Ni pogojev

None

Vsebina:

Content (Syllabus outline):

- Uvod v ekonomiko in vloga v logistiki
- Opredelitev ekonomike, redkost in izbira, gospodarjenje
- Podjetje, gospodarske družbe in logistika
- Mikroekonomija, makroekonomija
- Tržni mehanizem, ponudba in povpraševanje
- Tržno ravnovesje
- Poslovanje logističnih sistemov
- Teorija proizvodnje
- Prvine poslovnega procesa
- Stroški
- Amortizacija
- Kalkulacije stroškov logističnih storitev
- Poslovne odločitve v logistiki
- Teorija oblikovnja cen

- Introduction to economics and its role in logistics
- Definition of economics, rarity and choice, management
- A company, commercial companies and logistics
- Microeconomics, macroeconomics
- Market mechanism, offer and demand
- Market equilibrium
- Operation of logistics systems
- Theory of production
- Costs
- Amortization
- Calculation of costs of logistics services
- Business decision in logistics
- Theory of pricing
- The importance of tariff systems

- Prihodki, odhodki in poslovni izid
- Tržne strukture
- Monopol in popolna konkurenca
- Riziko in dobiček
- Analiza praga pokritja
- Učinkovitost in uspešnost in konkurenčnost
- Merjenje učinkovitosti in uspešnosti
- Temeljni računovodski izkazi
- Konkurenčnost
- Doseganje konkurenčne prednosti

- Incomes, expenses and business outcome
- Market structures
- Monopoly and total competitiveness
- Risk and profit
- Analysis of the threshold of cover
- Efficiency, performance and competitiveness
- Measuring efficiency and performance
- Basic financial statements
- Competitiveness
- Achieving competitive advantage

Temeljni literatura in viri / Readings:

Rebernik, M. T, Ekonomika podjetja, Gospodarski vestnik, 2008, ISBN: 978-961-247-080-7

COBISS.SI-ID 241310208

Škerbic, M.T: Ekonomika podjetja, Ljubljana, Gospodarski vestnik, 1991, ISBN: 86-7061-032-9, COBISS.SI-ID: 24740352.

Oblak, H.,: Tarifni sistemi in kalkulacije v prometu, Maribor, Ekonomsko-poslovna fakulteta, 1996, COBISS.SI-ID: 3010332.

Greene, D. and D. Jones: The full costs and benefits of transportation, Springer, 2006, ISBN-10: 3540631232

SAMUELSON, P. A. Nordhaus, W.: Microeconomics, 18th ed. – Boston (Mass.) : Irwin McGraw-Hill, cop. 2005. - XXII, ISBN 0-07-111298-7, COBISS.SI-ID 15902694

Cilji in kompetence:

- spoznajo osnovne pojme ekonomike in poslovanja podjetij,
- usvojijo temeljna znanja iz ekonomike,
- spoznajo pomen ekonomije v logistiki,
- razvijejo si ekonomsko mišljenje in občutek za racionalno ekonomsko poslovanje podjetij,
- pridobijo občutek za ekonomiko v logistiki

Objectives and competences:

- Students:
- are familiarised with basic concepts of economics and business operations,
- acquire fundamental knowledge of logistics,
- are familiarised with the importance of economics in logistics
- develop economic thinking and the ability to understand rational business operations of enterprise
- gain the ability to understand economics in logistics

Predvideni študijski rezultati:

- Znanje in razumevanje:
- Študenti usvojijo temeljne kategorije gospodarjenja in ekonomike podjetja;
- Študenti se seznanijo s tržnim mehanizmom, stroški proizvodnje in oblikovanjem prodajnih cen;
- Študenti spoznajo ekonomske pojme, njihovo medsebojno povezanost in odvisnost ter značilnosti in zakonitosti gospodarjenja v poslovnih sistemih (podjetjih);
- Spoznajo pomen ekonomskega razmišljanja pri reševanju logističnih problemov in znajo povezati ekonomsko miselnost in logistiko
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Intended learning outcomes:

- Knowledge and understanding:
- Students understand the fundamental categories of management and business economics;
- Students are familiarised with market mechanism, production costs and pricing;
- Students are familiarised with terminology of economics and interconnectivity and interdependence of terms, as well as with characteristics and legalities of managing business systems (companies)
- Students learn about the importance of economic thinking for solving logistical problems and they are able to link economic thinking and logistics
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- Prenesljive/ključne spretnosti in drugi atributi:
- Štu Študenti pridobijo potrebno znanje iz ekonomike podjetja - mikroekonomije, ki jim bo omogočalo razumevanje gospodarskih zakonitosti, gospodarno razmišljanje in razsojanje ter tvorno vključevanje v timsko sodelovanje pri poslovnem odločanju pri ekonomskih odločitvah v tržnem okolju;
- Študenti se oblikujejo kot samostojno misleči in v reševanje problemov usmerjeni ljudje.

- Transferable/Key skills and other attributes:
- Students gain relevant knowledge of business economics – microeconomics, that will enable them to better understand business legalities and economic evaluation as well as integration into team co-operation when making business decisions in marketing environment;
- Students develop greater independence of thought and the ability to solve problems.

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-predavanj (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-seminars 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:
<ul style="list-style-type: none"> ▪ Pisni izpit ▪ Obveznosti iz vaj 	<ul style="list-style-type: none"> ▪ 80% ▪ 20% 	<ul style="list-style-type: none"> ▪ Written exam ▪ Seminar work assignments

Reference nosilca / Lecturer'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. STERNAD, Marjan, SAFRAN, Matjaž, TOPOLŠEK, Darja. International comparative advantage in transport services: : the case of Slovenia. *Montenegrin journal of economics*, ISSN 1800-5845, 2011, vol. 8, no. 1, str. 179-186.
4. 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.
5. 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.
6. 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.
7. 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.

8. STERNAD, Marjan, KNEZ, Matjaž. Pomen obvladovanja logističnih stroškov. V: PEPEVNIK, Anton (ur.). *Logistični sistemi prihodnosti : zbornik = proceedings*, Mednarodni posvet ob 50.letnici Prometne šole Maribor, Maribor, 25. april 2008.