

## UČNI NAČRT PREDMETA / COURSE SYLLABUS

**Ime predmeta:** EKONOMIKA V LOGISTIKI  
**Course title:** ECONOMICS IN LOGISTICS

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
LOGISTIKA SISTEMOV 1. stopnja		1.	2.
SYSTEM LOGISTICS 1 <sup>st</sup> degree		1.	2.

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

OBVEZNI  
COMPULSORY

**Univerzitetna koda predmeta / University course code:**

UN

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			150	8

**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):**

- 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
- Prihodki, odhodki in poslovni izid

**Content (syllabus outline):**

- 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
- Incomes, expenses and business outcome

<ul style="list-style-type: none"> <li>• Tržne strukture</li> <li>• Monopol in popolna konkurenca</li> <li>• Riziko in dobiček</li> <li>• Analiza praga pokritja</li> <li>• Učinkovitost in uspešnost in konkurenčnost</li> <li>• Merjenje učinkovitosti in uspešnosti</li> <li>• Temeljni računovodski izkazi</li> <li>• Konkurenčnost</li> <li>• Doseganje konkurenčne prednosti</li> </ul>
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<ul style="list-style-type: none"> <li>• Market structures</li> <li>• Monopoly and total competitiveness</li> <li>• Risk and profit</li> <li>• Analysis of the threshold of cover</li> <li>• Efficiency, performance and competitiveness</li> <li>• Measuring efficiency and performance</li> <li>• Basic financial statements</li> <li>• Competitiveness</li> <li>• Achieving competitive advantage</li> </ul>
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**Temeljni literatura in viri / Reading materials:**

<p>E-gradivo predmeta.          KRAMAR, Uroš. Ekonomika v logistiki : skripta za predmet. 1. izd. Celje: Fakulteta za logistiko, 2012.          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.</p>
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**Cilji in kompetence:**

<p>Študenti:</p> <ul style="list-style-type: none"> <li>• spoznajo osnovne pojme ekonomike in poslovanja podjetij,</li> <li>• usvojijo temeljna znanja iz ekonomike,</li> <li>• spoznajo pomen ekonomije v logistiki,</li> <li>• razvijejo si ekonomsko mišljenje in občutek za racionalno ekonomsko poslovanje podjetij,</li> <li>• pridobijo občutek za ekonomiko v logistiki.</li> </ul>
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**Objectives and competences:**

<p>Students:</p> <ul style="list-style-type: none"> <li>• are familiarised with basic concepts of economics and business operations,</li> <li>• acquire fundamental knowledge of logistics,</li> <li>• are familiarised with the importance of economics in logistics,</li> <li>• develop economic thinking and the ability to understand rational business operations of enterprise,</li> <li>• gain the ability to understand economics in logistics.</li> </ul>
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**Predvideni študijski rezultati:**

<p>Znanje in razumevanje:</p> <ul style="list-style-type: none"> <li>• študenti usvojijo temeljne kategorije gospodarjenja in ekonomike podjetja,</li> <li>• študenti se seznanijo s tržnim mehanizmom, stroški proizvodnje in oblikovanjem prodajnih cen,</li> <li>• študenti spoznajo ekonomske pojme, njihovo medsebojno povezanost in odvisnost ter značilnosti in zakonitosti gospodarjenja v poslovnih sistemih (podjetjih),</li> <li>• študenti prepoznajo in razumejo ekonomske probleme v realnem okolju,</li> </ul>
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**Intended learning outcomes:**

<p>Knowledge and understanding:</p> <ul style="list-style-type: none"> <li>• students understand the fundamental categories of management and business economics,</li> <li>• students are familiarised with market mechanism, production costs and pricing,</li> <li>• 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),</li> <li>• students recognize and understand economic problems in a real environment,</li> <li>• students learn about the importance of economic thinking for solving logistical problems</li> </ul>
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- spoznajo pomen ekonomskega razmišljanja pri reševanju logističnih problemov in znajo povezati ekonomsko miselnost in logistiko.

Prenesljive/ključne spretnosti in drugi atributi:

- 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.

and they are able to link economic thinking and logistics.

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 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:
<ul style="list-style-type: none"> <li>• Opravljene obveznosti e-predavanj in e-vaj so pogoj za pristop k izpitu.</li> </ul>		<ul style="list-style-type: none"> <li>• Successful completion of e-lectures and e-tutorial is a prerequisite for entering the exam.</li> </ul>
<ul style="list-style-type: none"> <li>• Pisni izpit.</li> </ul>	80%	<ul style="list-style-type: none"> <li>• Written exam.</li> </ul>
<ul style="list-style-type: none"> <li>• Obveznosti iz vaj.</li> </ul>	20%	<ul style="list-style-type: none"> <li>• Seminar work assignments.</li> </ul>

### Reference nosilca / Course coordinator's references:

1. STERNAD, Marjan. Transport cost function : case of Slovenian regional rail lines. V: DRAŠKOVIČ, 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.