

## 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:**

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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):**

- Uvod v ekonomiko in vloga v logistiki
- Opredelitev ekonomike, redkost in izbira, gospodarjenje
- Mikroekonomija, makroekonomija
- Tržni mehanizem, ponudba in povpraševanje
- Tržno ravnovesje
- Teorija proizvodnje
- Prvine poslovnega procesa
- Stroški
- Amortizacija
- Kalkulacije stroškov logističnih storitev
- Poslovne odločitve v logistiki
- Teorija oblikovnja cen
- Prihodki, odhodki in poslovni izid
- Tržne strukture
- Monopol in popolna konkurenca
- Riziko in dobiček

**Content (syllabus outline):**

- Introduction to economics and its role in logistics
- Definition of economics, rarity and choice, management
- Microeconomics, macroeconomics
- Market mechanism, offer and demand
- Market equilibrium
- 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
- Market structures
- Monopoly and total competitiveness
- Risk and profit

<ul style="list-style-type: none"> <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>	<ul style="list-style-type: none"> <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:

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.

Jonsson, P. *Logistics and Supply Chain Management*. London: McGraw-Hill, 2008.

SAMUELSON, P. A. Nordhaus, W.: *Microeconomics*, 18th ed. – Boston (Mass.) : Irwin McGraw-Hill, cop. 2005.

### Cilji in kompetence:

Cilji predmeta so:

- opredeliti pojme iz področja ekonomike;
- spoznati in razumeti pomen ekonomije v logistiki;
- spoznati in razumeti značilnosti trga, tržnih struktur in poslovanja;
- spoznati prvine poslovnega procesa in razumeti vlogo v poslovnem procesu;
- spoznati stroške in razumeti njihove značilnosti;
- razumeti pomen obvaldovanja stroškov;
- določiti prodajno ceno in znati izračunati poslovni izid;
- razumeti in presoditi kazalnike uspešnosti podjetja.

Kompetence, ki jih pridobijo študenti:

- osvojijo znanje na področju ekonomske teorije;
- spoznajo in razumejo delovanje trga in tržnih struktur;
- spoznajo in razumejo stroške in kalkulacije v poslovanju in logistiki;
- razumejo pomen poslovnega izida v kontekstu uspešnosti podjetja.

### Objectives and competences:

The objectives of the course are:

- define concepts in the field of economics;
- get to know and understand the importance of economics in logistics;
- get to know and understand the characteristics of the market, market structures and operations;
- get to know the elements of the business process and understand the role in the business process;
- get to know the costs and understand their characteristics;
- understand the importance of cost control;
- determine the selling price and be able to calculate the profit or loss;
- understand and evaluate company performance indicators.

Competences acquired by students:

- acquire knowledge in the field of economic theory;
- get to know and understand the functioning of the market and market structures;
- get to know and understand costs and calculations in business and logistics;
- understand the importance of profit or loss in the context of company performance.

### Predvideni študijski rezultati:

Študent bo ob zaključku predmeta zmožen:

- opredeliti in razumeti ekonomiko podjetja in povezave z logistiko;
- razumeti delovanje tržnih mehanizmov;
- izračunati stroške in pripraviti kalkulacijo;

### Intended learning outcomes:

At the end of the course the student will be able to:

- define and understand the economics of the company and the links with logistics;
- understand the operation of market mechanisms;
- calculate costs and prepare a calculation;

<ul style="list-style-type: none"> <li>določiti prodajno ceno na podlagi stroškovne analize;</li> <li>opredeliti kazalnike uspešnosti podjetja.</li> </ul> <p>Prenesljive/ključne spretnosti in drugi atributi:</p> <ul style="list-style-type: none"> <li>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,</li> <li>študenti se oblikujejo kot samostojno misleči in v reševanje problemov usmerjeni ljudje.</li> </ul>
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<ul style="list-style-type: none"> <li>determine the selling price based on cost analysis;</li> <li>define company performance indicators.</li> </ul> <p>Transferable/Key skills and other attributes:</p> <ul style="list-style-type: none"> <li>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,</li> <li>students develop greater independence of thought and the ability to solve problems.</li> </ul>
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**Metode poučevanja in učenja:**

<p>Predavanja: pri predavanjih študent spozna teoretične vsebine predmeta. Del predavanja 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).</p> <p>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).</p>
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**Learning and teaching methods:**

<p>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).</p> <p>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).</p>
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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> <li>Pisni izpit.</li> <li>Obveznosti iz vaj.</li> </ul>	<p>80%</p> <p>20%</p>	<ul style="list-style-type: none"> <li>Successful completion of e-lectures and e-tutorial is a prerequisite for entering the exam.</li> <li>Written exam.</li> <li>Seminar work assignments.</li> </ul>

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

<p>1. STERNAD, Marjan, CVAHTE OJSTERŠEK, Tina. International comparison of transport services based on the trade performance index : Slovenia's position in relation to other EU countries. <i>International journal of diplomacy and economy</i>. 2021, vol. 7, no. 2, str. 116-128, ilustr. ISSN 2049-0887. <a href="http://www.inderscience.com/offer.php?id=118834">http://www.inderscience.com/offer.php?id=118834</a>,</p> <p>2. STERNAD, Marjan. Cost calculation in road freight transport. V: DUJAK, Davor (ur.). <i>Business logistics in modern management : proceedings of The 19th International Scientific Conference, October 10-11, 2019, Osijek, Croatia</i>. Osijek: Faculty of Economics, [2019]. Str. 215-225, ilustr. Business logistics in modern</p>
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management. ISSN 1849-6148. [http://blmm-conference.com/wp-content/uploads/BLMM-book\\_2019\\_online.pdf](http://blmm-conference.com/wp-content/uploads/BLMM-book_2019_online.pdf).

3. STERNAD, Marjan, JAGRIČ, Timotej, ROSI, Bojan. Railway usage charges based on marginal maintenance costs. *Proceedings of the Institution of Civil Engineers - Transport*. [Online ed.]. Feb. 2018, no. 1, vol. 171, str. 3-10. ISSN 1751-7710. <http://dx.doi.org/10.1680/jtran.15.00058>.

4. STERNAD, Marjan, SKRÚCANÝ, Tomáš, JEREB, Borut. International logistics performance based to the DEA analysis. *Komunikácie : vedecké listy Žilinskej univerzity*. 2018, vol. 20, no. 4, str. 10-15, ilustr. ISSN 1335-4205. [http://www3.uniza.sk/komunikacie/archiv/2018/4/4\\_2018en.pdf](http://www3.uniza.sk/komunikacie/archiv/2018/4/4_2018en.pdf).

5. STERNAD, Marjan, JAGRIČ, Timotej, ROSI, Bojan. Estimating marginal infrastructure cost in new infrastructure charging model. *Tehnički vjesnik : znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku*. 2017, god. 24, br. 3, str. 829-836, ilustr. ISSN 1330-3651. [http://hrcak.srce.hr/index.php?show=clanak&id\\_clanak\\_jezik=269882](http://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=269882)