

**UČNI NAČRT PREDMETA / COURSE SYLLABUS**

**Ime predmeta:** POSLOVANJE TRAJNOSTNEGA LOGISTIČNEGA PODJETJA  
**Course title:** SUSTAINABLE LOGISTICS COMPANY OPERATIONS

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
GOSPODARSKA IN TEHNIŠKA LOGISTIKA 1. stopnja		2.	4.
PROFESSIONAL HIGHER EDUCATION STUDY PROGRAMME ECONOMIC AND TECHNICAL LOGISTICS 1 <sup>st</sup> degree		2.	4.

**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
21 e-P 24 a-P		21 e-V 24 a-V			90	6

**Nosilec predmeta / Course  
coordinator:**

MATJAŽ KNEZ

**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):**

- Trajnostno podjetje v globaliziranem okolju.
- Trajnostna oskrbovalna veriga.
- Logistično podjetje.
- Statusne oblike podjetja.
- Proces ustanovitve podjetja.
- Politika države in finančne oblike pomoči.
- Upravljanje in vodenje poslovanja logističnega podjetja.
- Poslovni proces, faze poslovnega procesa ter prvine poslovnega procesa.
- Prihodki in odhodki v podjetju.
- Dolgoročna in kratkoročna sredstva.
- Osnove računovodstva.

**Content (syllabus outline):**

- Sustainable company in global environment.
- Sustainable supply chain.
- Logistics company.
- Company status forms.
- The process of setting up a business.
- Country policy and financial forms of assistance.
- Governance and management of the logistic company.
- Business process, stages of business process and elements of business process.
- Business income and expenses.
- Long-term and short-term assets.
- Basics of accounting.

- Poslovna uspešnost podjetja.
- Varstvo okolja.
- Okoljska zakonodaja in okoljski stroški.
- Modeli trajnostnega upravljanja in vodenja organizacije ter oskrbovalne verige.
- Primeri dobrih praks upravljanja in vodenja trajnostnih logističnih podjetij.

- Business performance of the company.
- Protection of the environment.
- Environmental legislation and environmental costs.
- Models for sustainable management and governance of the organization and the supply chain.
- Examples of good practices for managing and managing sustainable logistics companies.

### Temeljni literatura in viri / Reading materials:

Knez M., (2020) Poslovanje trajnostnega logističnega podjetja – v pripravi. Univerza v Mariboru, Fakulteta za logistiko.

Grofelnik, I. (2020) Praktikum za poslovanje trajnostnega logističnega podjetja. Univerza v Mariboru, Fakulteta za logistiko.

McKinnon A., Browne M., Whiteing A. (2012) Green Logistics, Improving the Environmental Sustainability of Logistics.

Makower J., 2009. Strategies for the Green Economy. McGrawHill, New York.

MacKinnon D., Shaw J., Docherty I. ( 2008) Diverging Mobilities? Devolution, Transport and policy Innovation. Elsevier.

Esty D.C., Winston A.S. (2009) Green to Gold. How smart companies use environmental strategy to innovate, create value, and build competitive advantage. John Wiley & Sons, Inc. Hoboken New Jersey.

Plevnik A. (2008) Okolje in promet: Slovenija. Ministrstvo za okolje in prostor, Agencija Republike in Slovenije za okolje.

Cetinkaya B., Cuthbertson R., Ewer G., Klass-Wissing T., Piotrowicz W., Tyssen C. (2011) Sustainable Supply Chain Management. Springer-Verlag Berlin Heidelberg.

Sarkis, J. (2006) Greening the Supply Chain, Springer.

Dodatna literatura: Izbrani članki ter nova izdana literatura s področja predmeta.

### Cilji in kompetence:

- Cilj tega predmeta je:
- razumevanje pojmov: trajnostno podjetje, management, vodenje, zelena logistika, zelena oskrbovalna veriga, management zelenih trajnostnih oskrbovalnih verig, okoljski stroški,
  - razumevanje pojmov: poslovna uspešnost, prihodki in odhodki, dobiček, izguba, računovodstvo, poslovni izkazi, ugled podjetja,
  - utrjevanje teoretičnih znanj na področju zelenih oskrbovalnih verig in trajnostnega managementa oskrbovalnih verig,
  - razumevanje in pomen varstva okolja ter okoljskih zahtev, ki jih postavlja moderna in trajnostna družba,
  - spoznati okoljsko zakonodajo in okoljske standarde,
  - spoznati modele trajnostnega upravljanja in vodenja,
  - znati uporabiti pridobljeno teoretično znanje v praksi.

### Objectives and competences:

- The objective of the course is:
- understanding of concepts: sustainable company, governance, management, leadership, green logistics, green supply chain, green sustainable management of supply chains, environmental costs,
  - understanding of concepts: business performance, income and expenses, profit, loss, reputation, accounting, business statements,
  - consolidation of theoretical knowledge in the field of green supply chains and sustainable management of supply chains,
  - understanding and importance of environmental protection and environmental requirements imposed by modern and sustainable society,
  - to recognize environmental legislation and environmental standards,
  - recognize the models of sustainable management and leadership,
  - being able to apply acquired theoretical knowledge in practice.

**Predvideni študijski rezultati:**

<p>Znanje in razumevanje:</p> <ul style="list-style-type: none"> <li>• razumevanje poslovanja logističnih podjetij v moderni in trajnostno naravnani družbi,</li> <li>• razumevanje koncepta trajnostnega delovanja podjetja,</li> <li>• poznavanje procesa načrtovanja novega podjetja ter njegove ustanovitve,</li> <li>• znati analizirati, sintetizirati in vrednotiti pogoje za ustanovitev podjetja,</li> <li>• znati ustanoviti podjetje,</li> <li>• poznavanje pojmov s področja upravljanja, managementa, vodenja, računovodstva, trajnostne logistike in managementa trajnostnih oskrbovalnih verig,</li> </ul> <p>Prenesljive/ključne spretnosti in drugi atributi:</p> <ul style="list-style-type: none"> <li>• študenti se usposobijo za uporabo teoretičnega znanja v praktičnih primerih.</li> </ul>
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**Intended learning outcomes:**

<p>Knowledge and understanding:</p> <ul style="list-style-type: none"> <li>• understanding operations of logistics companies in modern and sustainable society,</li> <li>• understanding the concept of sustainable business operation,</li> <li>• knowledge of the process of planning a new companies and establishing it,</li> <li>• being able to analyze, synthesize and evaluate the conditions for starting a business,</li> <li>• being able to start a business,</li> <li>• understanding key concepts of governance, management, accounting, leadership, sustainable logistics and management of sustainable supply chains.</li> </ul> <p>Transferable/Key skills and other attributes:</p> <ul style="list-style-type: none"> <li>• the ability to apply theoretical knowledge to professional practice.</li> </ul>
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**Metode poučevanja in učenja:**

<p>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).</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 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).</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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<b>Načini ocenjevanja:</b>	<b>Delež (v %) / Share (in %)</b>	<b>Assessment methods:</b>
<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-tutorials is a prerequisite for entering the exam.</li> </ul>
<ul style="list-style-type: none"> <li>• Seminarska naloga in domače naloge.</li> <li>• Pisni izpit.</li> </ul>	<p>30%</p> <p>70%</p>	<ul style="list-style-type: none"> <li>• Course work and home work.</li> <li>• Written examination.</li> </ul>

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

<p>KNEZ, Matjaž, KOŽELJ ZEVNIK, Gašper, OBRECHT, Matevž. A review of available chargers for electric vehicles. Renewable &amp; sustainable energy reviews : an international journal, ISSN 1364-0321. [Print ed.], Jul. 2019,</p>
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vol. 109, str. 284-293, ilustr. <https://doi.org/10.1016/j.rser.2019.04.013>, doi: 10.1016/j.rser.2019.04.013. [COBISS.SI-ID 512988989].

OBRECHT, Matevž, KNEZ, Matjaž. Carbon and resource savings of different cargo container designs. *Journal of cleaner production*, ISSN 1879-1786. [Online ed.], 1 Jul. 2017, vol. 155, 151-156 str. <https://doi.org/10.1016/j.jclepro.2016.11.076>, doi: 10.1016/j.jclepro.2016.11.076. [COBISS.SI-ID 512811837].

KNEZ, Matjaž, MUNEER, Tariq, JEREB, Borut, CULLINANE, Kevin. The estimation of a driving cycle for Celje and a comparison to other European cities. *Sustainable cities and society*, ISSN 2210-6715. [Spletna izd.], Feb. 2014, vol. 11, str. 56-60, doi: 10.1016/j.scs.2013.11.010. [COBISS.SI-ID 512556349].

KNEZ, Matjaž, JEREB, Borut, OBRECHT, Matevž. Factors influencing the purchasing decisions of low emission cars : a study of Slovenia. *Transportation research. Part D, Transport and environment*, ISSN 1361-9209. [Print ed.], July 2014, vol. 30, str. 53-61. <http://www.sciencedirect.com/science/article/pii/S1361920914000339>, doi: 10.1016/j.trd.2014.05.007. [COBISS.SI-ID 512566077].

MUNEER, Tariq, MILLIGAN, Ross, SMITH, Ian, DOYLE, Aisling, POZUELO, Miguel, KNEZ, Matjaž. Energetic, environmental and economic performance of electric vehicles : experimental evaluation. *Transportation research. Part D, Transport and environment*, ISSN 1361-9209. [Print ed.], 2015, vol. 35, no. [1], str. 40-61. <http://www.sciencedirect.com/science/article/pii/S1361920914001783>, doi: 10.1016/j.trd.2014.11.015. [COBISS.SI-ID 512609853].