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| **UČNI NAČRT PREDMETA / COURSE SYLLABUS** | | | | | | | | | | | | | | | | | |
| **Ime predmeta:** | | UPRAVLJANJE POSLOVNIH PROCESOV V ODPORNIH OSKRBOVALNIH VERIGAH | | | | | | | | | | | | | | | |
| **Course title:** | | MANAGEMENT OF BUSINESS PROCESSES IN RESILIENT SUPPLY CHAINS | | | | | | | | | | | | | | | |
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| **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 1st degree | | | | |  | | | | | | | | 1. | | 2. | | |
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| **Vrsta predmeta (obvezni ali izbirni) /**  **Course type (compulsory or elective)** | | | | | | | | | | | | OBVEZNI | | | | | |
| COMPULSORY | | | | | |
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| **Univerzitetna koda predmeta / University course code:** | | | | | | | | | | | | UN | | | | | |
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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** |
| 21 e-P  24 a-P |  | | | 18 e-V  27 a-V | | |  | | | |  | | | 90 | |  | 6 |
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| **Nosilec predmeta / Course coordinator:** | | | | | **MATEVŽ OBRECHT** | | | | | | | | | | | | |
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| **Jeziki /Languages:** | | | **Predavanja / Lectures:** | | | | | SLOVENSKI/SLOVENE | | | | | | | | | |
| **Vaje / Tutorial:** | | | | | SLOVENSKI/SLOVENE | | | | | | | | | |
| **Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:** | | | | | | | |  | **Prerequisites for enrolling in the course or for performing study obligations:** | | | | | | | | |
| Ni pogojev za sodelovanje pri tem predmetu. | | | | | | | |  | There are no prerequisites for this course. | | | | | | | | |
| **Vsebina (kratek pregled učnega načrta):** | | | | | | | |  | **Content (syllabus outline):** | | | | | | | | |
| Temeljna področja obravnave predmeta so naslednja:   * teoretična izhodišča za obravnavo poslovnih procesov, * procesna in funkcijska oblika logistične organizacije * procesna obravnava managementa v logistiki in oskrbovalnih verigah, * Procesni diagrami, vizualizacija in analiza procesov v logistiki, * merila in kriteriji za analizo in optimiranje logističnih procesov * vzroki za spreminjanje procesov v oskrbovalnih verigah (RSC iniciativa) * primeri/obravnava prenove in upravljanja poslovnih procesov v prožnih in odpornih oskrbovalnih verigah * Osnove okoljevarstva ter zeleni in digitalni prehod v EU kot sprožilec sprememb procesov * Upravljanje procesov v logistiki in oskrbovalnih verigah (fokus: novi poslovni modeli, odrast in deljena ekonomija) | | | | | | | |  | Basic areas of course are:   * theoretical background and introduction to business processes, * process consideration of logistic systems and supply chains, * Process diagrams, visualization and analysis of logistic processes, * Indicators and criteria for process analysis and optimization * Resilient Supply Chain Initiative (RSCI) * managing business processes in logistic and supply chains, * case studies/best practices of process management in resilient supply chains * basics of environmental protection and green and digital transformation in EU as a trigger of process changes * process management in supply chains (focus: new business models, de-growth and sharing economy) | | | | | | | | |
| **Temeljni literatura in viri / Reading materials:** | | | | | | | | | | | | | | | | | |
| Izbrana poglavja iz/Some Chapters from:   * [Potočan, V](http://cobiss4.izum.si/scripts/cobiss?ukaz=SEAL&mode=5&id=1217340726533692&PF=AU&term=%22Poto%C4%8Dan,%20Vojko%22)., [Nedelko, Z.,](http://cobiss4.izum.si/scripts/cobiss?ukaz=SEAL&mode=5&id=1217340726533692&PF=AU&term=%22Nedelko,%20Zlatko%22) Organizacija logistike v oskrbnih verigah : zapiski predavanj za predmet Organizacija logističnih procesov. Učno gradivo. FL UM. * Kosi, T. (2010). Poslovni procesi. Zavod IRC: Ljubljana.   Dodatna literatura/Additional sources:  Ogorelc, A. 1996. Logistika – Organiziranje in upravljanje logističnih procesov. Maribor: Ekonomsko-poslovna fakulteta.  Chopra, S., Meindl, P. (2019). Supply chain management : strategy, planning, and operation. Pearson | | | | | | | | | | | | | | | | | |
| **Cilji in kompetence:** | | | | | | | |  | **Objectives and competences:** | | | | | | | | |
| Cilji:   * utrdijo in nadgradijo teoretično znanje na področju poslovnih načel in procesov, * se usposobijo uporabljati teoretično znanje s področja poslovnih procesov v logistiki in oskrbovalnih verigah, * osvojijo različne pristope za identifikacijo, analizo in vizualizacijo procesov v logistiki, * se usposobijo za razvoj trajnostnih procesov in ukrepov v upravljanje oskrbovalnih verig.   Kompetence   * Pridobijo razumevanje za kritično analizo poslovnih procesov ter procesnega razmišljanja ob upoštevanju osnovnih usmeritev. * Pridobijo sposobnost iskanja in sinteze novih informacij s področja, procesne obravnave in trajnostnih načel v literaturi in praksi. * Se naučijo povezovanja različnih znanj in postopkov ter pomena uporabe strokovne literature o poslovnih procesih, poslovnih priložnosti in poslovnih načrtov. * Znajo identificirati problem iz različnih zornih kotov ter podati izboljšave oz. rešitve zanj in pridobijo praktične izkušnje na področju krožnih poslovnih procesov. * Nadgrajujejo sposobnost uporabe informacijske tehnologije, dela v skupinah in samostojnega učenja ter delovanja. | | | | | | | |  | Objectives:   * enhance their theoretical knowledge in the field of business principles and processes, * gain the ability to apply their theoretical knowledge in the field of business processes in supply chains, * acquire different approaches for identification, analysis and visualisation of logistic processes, * can define and develop sustainable processes or practices in supply chains.   Competences:   * Understand and apply critical analysis of business processes and process thinking, within the support of minimal guidance. * Get the ability to search for and synthesize new information from the field of sustainable principles in business processes in literature and praxis. * Synthesize different knowledge and procedures and are aware of importance of use of professional literature about business processes, business opportunities and business plans. * Can identify key aspects of problem from different viewpoints and identify improvements and solutions and get practical experience on circular processes. * Upgrade the ability to apply information technology, work in groups and learn and act autonomous. | | | | | | | | |
| **Predvideni študijski rezultati:** | | | | | | | |  | **Intended learning outcomes:** | | | | | | | | |
| Študenti ob zaključku predmeta:   * obvladajo specifično znanje s področja poslovnih procesov v logističnih sistemih, * se naučijo prepoznavati poslovne procese na   področju logistike, jih spremljati in nadzirati v različnih logističnih aktivnostih,   * pridobijo poglobljeno znanje na področju   identifikacije, analize, vizualizacije in optimizacije procesov v logistiki,   * se usposobijo za nadaljnje proučevanje na   področju procesnega in projektnega managementa,   * se zavedajo trajnostnih načel in okoljevarstva na področju logističnih podjetij. | | | | | | | |  | Development of knowledge and understanding  Students:   * acquire specific knowledge in the field of   business processes in logistic systems,   * learn how to identify business processes in logistics, monitor and control them, * have a detailed knowledge on identifying, analyzing, visualization and optimizing logistic processes, * are aware of sustainability principles in logistics. | | | | | | | | |
| **Metode poučevanja in učenja:** | | | | | | | |  | **Learning and teaching methods:** | | | | | | | | |
| Predmet vključuje različne metode poučevanja in učenja, kot so: predavanja, diskusijske skupine, video predstavitve in filmi, študije primerov iz prakse, igričarstvo, problemsko učenje in praktično dela skozi simulacije poslovnih procesov, koncept obrnjene učilnice ter skupinske predstavitve, zagovore in samostojni študij študentov.  Predavanja: pri predavanjih študent spozna teoretične vsebine predmeta in primere dobre prakse iz logističnih podjetij. 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) po konceptu obrnjene učilnice.  Vaje: pri vajah študent utrdi teoretično znanje in spozna aplikativne možnosti. Del vaj se izvaja na klasični način v predavalnici (tudi igričarstvo in problemsko učenje), 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). | | | | | | | |  | This course uses a range of teaching methods including lectures, discussion groups, videos and films, case studies, gamification, problem based learning and practical work on business process simulation, flipped classroom, student presentations and independent study of students.  Lectures: students understand the theoretical frameworks of the course and best practices of logistic companies. 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) and flipped classroom.  Tutorials: Students enhance their theoretical knowledge and are able to apply it. Part of the seminar is in a classroom (also gamification and problem based learning) 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. * Aktivno delo študentov (e-vaje in e-predavanja). * Projektna naloga * Končni pisni izpit | | | | | | 20%  20%  60% | | | | * Successful completion of e-lectures and e-tutorials is a prerequisite for entering the exam. * Active work of students (e-tasks and quizzes). * Project paper * Final written examination | | | | | | | |
| **Reference nosilca / Course coordinator's references:** | | | | | | | | | | | | | | | | | |
| * LAZAR, Sebastjan, KLIMECKA-TATAR, Dorota, OBRECHT, Matevž. Sustainability orientation and focus in logistics and supply chains. *Sustainability*, ISSN 2071-1050, 2021, vol. 13, iss. 6, str. [1]-20, ilustr. <https://doi.org/10.3390/su13063280>. * STANISZEWSKA, Ewelina, KLIMECKA-TATAR, Dorota, OBRECHT, Matevž. Eco-design processes in the automotive industry. *Production Engineering Archives*, ISSN 2353-5156, 2020, [Vol.] 26, [no.] 4, str. 131-137, ilustr. <https://doi.org/10.30657/pea.2020.26.25>, * OBRECHT, Matevž. Kontinuiranost poslovanja je glavni izziv oskrbovalnih verig. Embalaža, okolje, logistika : strokovna specializirana revija za embalažo, okolje in logistiko, ISSN 1855-4849, mar. 2020, [Št.] 147, str. 56-57, ilustr. <https://www.zelenaslovenija.si/media/uploads/revija/EOL_147/EOL_147.pdf>. * [Matevz Obrecht,](https://www.emerald.com/insight/search?q=Matevz%20Obrecht)[Rhythm Singh,](https://www.emerald.com/insight/search?q=Rhythm%20Singh)[Timitej Zorman](https://www.emerald.com/insight/search?q=Timitej%20Zorman). 2021. Conceptualizing a new circular economy feature – storing renewable electricity in batteries beyond EV end-of-life: the case of Slovenia. [International Journal of Productivity and Performance Management](https://www.emerald.com/insight/publication/issn/1741-0401). Doi: doi/10.1108/IJPPM-01-2021-0029 * OBRECHT, Matevž, FEODOROVA, Zane, ROSI, Maja. Assessment of environmental sustainability integration into higher education for future experts and leaders. *Journal of environmental management*, ISSN 0301-4797, 15. Aug. 2022, vol. 316, str. 1-9, ilustr. <https://www.sciencedirect.com/science/article/pii/S0301479722007964?via%3Dihub>, doi: [10.1016/j.jenvman.2022.115223](https://doi.org/10.1016/j.jenvman.2022.115223). | | | | | | | | | | | | | | | | | |