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| **UČNI NAČRT PREDMETA / COURSE SYLLABUS** | | | | | | | | | | | | | | | | |
| **Ime predmeta:** | | INTRALOGISTIKA IN PROJEKTNI MANAGEMENT | | | | | | | | | | | | | | |
| **Course title:** | | INTRALOGISTICS AND PROJECT MANAGEMENT | | | | | | | | | | | | | | |
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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 | | | | |  | | | | | | | 3. | | 5. | | |
| SYSTEM LOGISTICS 1st degree | | | | |  | | | | | | | 3. | | 5. | | |
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| **Vrsta predmeta (obvezni ali izbirni) /**  **Course type (compulsory or elective)** | | | | | | | | | | | IZBIRNI | | | | | |
| ELECTIVE | | | | | |
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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** |
| 24 e-P  21 a-P |  | | | 24 e-V  21 a-V | |  | | | |  | | | 90 | |  | 6 |
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| **Nosilec predmeta / Course coordinator:** | | | | | **BRIGITA GAJŠEK** | | | | | | | | | | | |
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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. | | | | | | | |  | None. | | | | | | | |
| **Vsebina (kratek pregled učnega načrta):** | | | | | | |  | | **Content (syllabus outline):** | | | | | | | |
| **Predavanja**   1. Splošen pregled področja 2. Razmejitev pojmov povezanih s projektnim managementom. 3. Razsežnosti projektnega načina dela v intralogistiki. 4. Ocena stopnje zrelosti intralogistike za Industrijo 4.0. 5. Medsebojna povezanost projektnega in strateškega managementa. 6. Življenjski ciklus projekta in faze projekta. 7. Področja znanj za načrtovanje, organiziranje in spremljanje projektov    1. Struktura zagonskega elaborata projekta.    2. Metode in tehnike izdelave projektnih planov.    3. Metode in tehnike oblikovanja projektne organizacije.    4. Metode in tehnike kontroliranja izvajanja projektov.    5. Metode in tehnike obvladovanja tveganj in stroškov pri izvedbi projektov.    6. Projektni informacijski sistem.    7. Projektna odličnost.   **Vaje**  Izdelava zagonske dokumentacije projekta iz področja intralogistike. | | | | | | |  | | Lectures   1. Overview of Project Management 2. Separation of concepts related to project management. 3. Dimensions of project work in intralogistics. 4. Assesment of Intralogistics 4.0 Maturity level. 5. Mutual connection between project and strategic management. 6. Project life cycle and project phases. 7. Project Management Knowledge Areas    1. Structure of project plan.    2. Methods and techniques for creating project plans.    3. Methods and techniques for establishing project organisation.    4. Methods and techniques for controlling project execution.    5. Methods and techniques for managing risks and costs in project execution.    6. Project information system.    7. Project excellence.   **Tutorial**  Creating project plan on the example of intralogistics. | | | | | | | |

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| **Temeljni literatura in viri / Reading materials:** | | | |
| * Project Management Institute (2008). Vodnik po znanju projektnega vodenja, PMBOK. MO, Kranj. * Rozman, R. , Stare, A. (2008): Projektni management ali ravnateljevanje projekta, Ekonomska fakulteta, Ljubljana. * Kerzner, H. (2009). *Project management: a systems approach to planning, scheduling, and controlling* (10th ed.). J. Wiley. * Project Management Institute. (2021).*The standard for project management ; and A guide to the project management body of knowledge: (PMBOK guide)* (7th ed.). * Nemec Pečjak, M. (2014). ABC+ celovitega obvladovanja projektov in Microsoft Project 2013, e-izdaja, samozaložba. | | | |
| **Cilji in kompetence:** |  | | **Objectives and competences:** |
| Študenti bodo:   1. spoznali področje upravljanja projektov s poudarkom na upravljanju integracije, obsega, časa, stroškov, kakovosti, ljudi, komuniciranja, tveganj in nabav; 2. spoznali in razumeli procesni pristop pri upravljanju življenjskega cikla projekta; 3. spoznali temeljne principe upravljanja; 4. znali bodo izdelati zagonski dokument projekta in uporabiti teoretično znanje v praksi; 5. Pridobili zavedanje o potencialu agilnega načina dela za boljše rezultate projektnega dela. |  | | Students will:   * familiarize themselves with the fileld of project management with the focus on the management of integration, scope, time, cost, quality, people, communication, risk and procurement; * learn and understand about the process approach to project lifecycle management; * learn the principles of management; * know to write project plan and apply theoretical knowledge in practise; * be aware of the potential of an agile way of working for better project work results. |
| **Predvideni študijski rezultati:** | |  | **Intended learning outcomes:** |
| Študentje bodo znali:   * opredeliti zagonski dokument projekta v smislu obsega, časa, stroškov, virov, komuniciranja, spremljanja in tveganj; * izbrati informacijski sistem za projektno delo, * povezati strateške cilje razvoja sodobnih intralogističnih sistemov s projekti. | |  | Students will know to:   * produce project plan, which will include define   scope, time table, Gantt chart, Costs, Resources,  Communication, Monitoring and Risks;   * select an project management information system for project work; * link strategic goals of development of modern intralogist systems with projects. |

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| **Metode poučevanja in učenja:** | |  | **Learning and teaching methods:** | |
| Teoretična predavanja, praktične vaje, samostojno delo, seminarske naloge, vodene debate, treningi.  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-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). | |  | Theoretical lectures, practical tutorial, individual work, seminar work, guided discussions, trainings.  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:** |
| * Opravljene obveznosti e-predavanj in e-vaj so pogoj za pristop k izpitu. * Seminarska naloga. * Pisni izpit. | 10%  40%  50% | | | * Successful completion of e-lectures and e-tutorials is a prerequisite for entering the exam. * Seminar work. * Written examination. |
| **Reference nosilca / Course coordinator's references:** | | | | |
| * Grofelnik, I., Gajšek, B., Kovač, J. (2016). Zrelost projektnega managementa v izbranih slovenskih podjetjih. Projektna mreža Slovenije: revija Slovenskega združenja za projektni management, 19(1), 3-11. * Gajšek, B., Kovač, J. (2014). Metode in tehnike managementa portfelja projektov. Projektna mreža Slovenije: revija Slovenskega združenja za projektni management, 17(2/3), 4-13. * Gajšek, B. (2019). Vrzel v številu usposobljenih projektnih managerjev na trgu dela. Projektna mreža Slovenije: revija Slovenskega združenja za projektni management, 22(1), 3-4. * Gajšek, B., Kovač, J. (2018). Projektni management v času digitalizacije = Project management in digital era. V: Arsenijević, O. (ur.), et al. Organizacija in negotovosti v digitalni dobi : konferenčni zbornik = Organization and uncertainty in the digital age : conference proceedings, 37th International Conference on Organizational Science Development, 21st - 23rd March 2018, Portorož, Slovenia. 1. izd. Maribor: Univerzitetna založba Univerze. 2018, str. 303-314. <http://press.um.si/index.php/ump/catalog/book/326>. * Gajšek, B. (2017). Project management in logistics : lectures for ERASMUS+ students. Celje: Fakulteta za logistiko. | | | | |