

UČNI NAČRT PREDMETA / COURSE SYLLABUS	
Predmet:	Projektni menedžment
Course title:	Project Management

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Informatika v sodobni družbi, visokošolski strokovni študijski program prve stopnje	-	Tretji	Peti
Informatics in Contemporary Society, first cycle Professional Study Programme	-	Third	Fifth

Vrsta predmeta / Course type

Obvezni / Obligatory

Univerzitetna koda predmeta / University course code:

1-ISD-VS-PM-2026-06-24

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
30	-	45	-	-	105	6

Nosilec predmeta / Lecturer:

Izr. prof. dr. Katarina Rojko

Jeziki / Languages:

Predavanja / Lectures:

Slovenski, angleški / Slovene, English

Vaje / Tutorial:

Slovenski, angleški / Slovene, English

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Na prvi izpitni rok v študijskem letu se lahko prijavijo študenti, ki so bili na predavanjih in vajah prisotni vsaj 75 %, ali študenti, ki so pozitivno opravili kolokvij.

Prerequisites:

Students who have attended at least 75% of the lectures and tutorials or students who have passed the midterm exam may register for the first exam date in the academic year.

Vsebina:

- Uvod v projektno vodenje.
- Informacijski vidik in skupine procesov vodenja projekta.
- Naloge projektnega menedžerja.
- Obvladovanje integracije projekta.
- Obvladovanje obsega projekta.
- Obvladovanje časa projekta.
- Obvladovanje stroškov projekta.

Content (Syllabus outline):

- Introduction to Project Management.
- Information Technology Context and Process Groups in Project Management.
- Tasks of project manager.
- Project Integration Management.
- Project Scope Management.
- Project Time Management.
- Project Cost Management.

- Obvladovanje kakovosti projekta.
- Obvladovanje človeških virov projekta.
- Obvladovanje komuniciranja v projektu.
- Obvladovanje tveganj projekta.
- Obvladovanje oskrbovanja projekta.

- Project Quality Management.
- Project Human Resource Management.
- Project Communications Management.
- Project Risk Management.
- Project Procurement Management.

Temeljni literatura in viri / Readings:

- Stare, Aljaž. (2011). Projektni menedžment: teorija in praksa. Ljubljana: Agencija Poti.
- Rojko, Katarina. Prosojnice in gradiva s predavanj in vaj za posamezno študijsko leto pri predmetu Projektni menedžment. FIŠ: Moodle.

Izbrana poglavja iz:

- Stare, Aljaž (2021). Agilno! : projekti, zaposleni, podjetja. Ljubljana: Agencija Poti.
- Meredith, R.J. Shafer, S.M. in Mantel, S. J. (2021). *Project Management: A Managerial Approach* (11. izdaja), John Wiley & Sons, Inc.
- Project Management Institute. (2021). PMBOK® Guide – Seventh Edition.
- Marchewka, Jack, T. (2015). Information Technology Project Management: 5th Edition. Illinois: John Wiley & Sons.
- Turner, J.R. (2014). The Handbook of Project-based Management: Leading Strategic Change in Organizations (4. izdaja). McGraw-Hill Professional.

Cilji in kompetence:

Učna enota prispeva k razvoju naslednjih splošnih:

- poznavanje in razumevanje interakcij med informacijsko komunikacijsko tehnologijo in sodobno družbo
- zmožnost vzpostavljanja in vzdrževanja odnosov za delo v skupini in z drugimi uporabniki ter skupinami (lokalna skupnost, organizacije javne uprave, gospodarstvo, nevladne organizacije);
- organizacijske in vodstvene spretnosti za organiziranje aktivnega in samostojnega dela
- organizacijske in vodstvene spretnosti ter uporaba v organizacijah, ob razumevanju individualnih vrednot in skupinskih vrednotnih sistemov za obvladovanje profesionalno-etičnih vprašanj

in predmetno-specifičnih kompetenc:

- poznavanje in razumevanje značilnosti izvajanja projektov po postopkih projektnega managementa

Objectives and competencies:

The instructional unit contributes to the development of the following general:

- knowledge and understanding of interactions between ICT and the modern society
- ability to establish and maintain relationships for group-work as well as with other users and groups (local communities, public administration organizations, industry, non-governmental organizations)
- organizational and managerial skills for organizing active and independent work
- organisational and leadership skills at institutions, while understanding individual values and group value systems for the management of professional-ethical questions

and subject-specific competencies:

- knowledge and understanding of the characteristics of project implementation according to project management procedures

- poznavanje življenjskega cikla projektov
- razumevanje nalog projektnega managerja
- razumevanje postopkov in pogojev za uspešno realizacijo projektov, vplivov na projekt ter sposobnost upoštevanja le-teh
- sposobnost priprave idejne zasnove manjšega projekta in elaborata za izvedbo projekta
- razvoj spretnosti potrebnih za vodenje manjših projektov oz. za sodelovanje v projektnem timu

- knowledge of the project life cycle
- understanding of the tasks of a project manager
- understanding of the procedures and conditions for successful project implementation, project impacts and the ability to take these into account
- ability to prepare a conceptual design for a small project and a project implementation study (an elaboration)
- development of the skills required to manage small projects or to work as part of a project team

Predvideni študijski rezultati:

Znanje in razumevanje:

- osnove projektnega vodenja in njegovega pomena za uspeh projektov informacijskih tehnologij
- osnovnih konceptov in metodologij projektnega vodenja, vključujoč: trojno omejitvev projektnega vodenja, življenjski cikel projekta, projektno organizacijo, procese projektnega vodenja, strukturirano členitev dela, mrežni diagram in analizo kritične poti, tehnike ocenjevanja stroškov in proračuna projekta, spremljanje projekta, projektna tveganja, itd.

Ključne veščine za:

- aktivno sodelovanje v različnih projektih, zlasti na področju informacijskih tehnologij
- sodelovanje v projektnih timih v različnih vlogah
- uporabo programskih orodij za načrtovanje in upravljanje projektov
- pripravo projektne dokumentacije

Intended learning outcomes:

Knowledge and understanding:

- foundations of project management and its importance to the success of information technology projects
- basic project management concepts and methodology including: the triple constraint of project management, project life cycle, project organisation, project management processes, work breakdown structures, network diagrams and critical path analysis, cost estimating techniques and project budgets, project monitoring, risk management, etc.

Key skills to:

- actively participate in various projects, especially in information technology
- co-operate in project teams in different roles
- use project management software tools to plan and manage projects
- preparation of project documentation

Metode poučevanja in učenja:

- predavanja in vaje z aktivno udeležbo študentov (predstavitve, diskusije, študije primerov, reševanje problemov)
- konzultacije

Learning and teaching methods:

- lectures and tutorials with active students' engagement (presentations, discussions, case studies, problem solving)
- consultations

• priprava projektnega načrta (elaborata) • samostojni študij	• preparation of project plan (an elaboration) • individual study
--	--

Delež (v %) /
Weight (in %)

Načini ocenjevanja:

Assessment:

Način (pisni izpit, ustno izpraševanje, naloge, projekt):		Type (examination, oral, coursework, project):
• pisni izpit	100	• written examination

Reference nosilca / Lecturer's references:

- ERMAN, Nuša, ROBIDA, Nika, ROJKO, Katarina. Differences among higher education students from the ICT field : formal education vs. lifelong learning. Journal of infrastructure, policy and development. 2025, vol. 9, iss. 1, [article no.] 10714, str. 1-20, ilustr. ISSN 2572-7931. [COBISS.SI-ID 225593603]
- ROJKO, Katarina, ERMAN, Nuša. The Impact of the Covid-19 Pandemic on Higher Education Students' Perceptions of Educational Applications and Platforms. International Journal of Cognitive Research in Science, Engineering and Education. 2023, vol. 11, no. 2, str. 267-279, ilustr. ISSN 2334-8496. [COBISS.SI-ID 162876675]
- ROJKO, Katarina, LESJAK, Dušan, ERMAN, Nuša. The COVID-19 Pandemic Crisis : impact on ICT spending. Journal of computer information systems. 2023, vol. 63, iss. 4, str. 1-16, ilustr. ISSN 0887-4417. DOI: 10.1080/08874417.2022.2103857. [COBISS.SI-ID 117632003]
- ERMAN, Nuša, ROJKO, Katarina, LESJAK, Dušan. Traditional and new ICT spending and its impact on economy. Journal of computer information systems. 2022, vol. 62, iss. 2, str. 384-396, ilustr. ISSN 0887-4417. [COBISS.SI-ID 44760067]
- ROJKO, Katarina, LUŽAR, Borut. Scientific performance across research disciplines : trends and differences in the case of Slovenia. Journal of informetrics : an international journal. 2022, vol. 16, iss. 2, str. 1-21, ilustr. ISSN 1751-1577. DOI: 10.1016/j.joi.2022.101261. [COBISS.SI-ID 98097923]
- LIKOVIČ, Anja, ROJKO, Katarina. E-learning and a case study of coursera and EDX online platforms. Research in social change. 2022, vol. 14, iss. 1, str. 94-120. [COBISS.SI-ID 163821571]