	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	**Prenova in informatizacija sistemov**
Course title	**Business Process Renovation and Informatisation**

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Poslovna informatika / 1. stopnja	Računalništvo in informatika	2. letnik	4.
Business Informatics / 1st Cycle	Computer and Information Science	2nd year	4th

Vrsta predmeta/Course type	obvezni/obligatory

Univerzitetna koda predmeta/University course code	1_RI_2_UN8

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
30			30		90	6

Nosilec predmeta/Lecturer:	mag. Igor Makovec, pred.

Jeziki/ Languages:	Predavanja/Lectures:	slovenski/Slovenian
	Vaje/Tutorial:	slovenski/Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	Prerequisites:
• Vpis v drugi letnik študijskega programa. • Študent mora pred izpitom pripraviti in predstaviti seminarsko nalogo.	• The prerequisite for inclusion is enrolment in the second year of study. • Students have to successfully prepare and present a seminar paper before the examination.

Vsebina:	Content (Syllabus outline):
• *Uvod v prenovo in informatizacijo sistemov.* • *Poslovanje podjetja v konkurenčnem poslovnem okolju:* vizija, politika, poslanstvo in strateški cilji podjetja, konkurenčna sposobnost podjetja, analiza poslovanja, merjenje uspešnosti poslovanja. • *Strateško načrtovanje poslovanja.* • *Strateško načrtovanje razvoja informatike.*	• *Introduction of business process renovation and informatisation.* • *Business in a competitive business environment:* vision, policy, mission and strategic goals of the company, competitive ability of the company, business analysis, measuring business effectiveness. • *Strategic business planning.*

• *Vloga in pomen informacijskih in komunikacijskih sistemov.*	• *Strategic planning of information technology development.*
• *Procesni pristop prenove in informatizacije poslovanja.*	• *The role and importance of information and communication systems.*
• *Informacijske rešitve v praksi: celovite programske rešitve (ERP), upravljanje poslovnih vsebin (ECM), upravljanje življenjskega cikla izdelka (PLM), upravljanje oskrbovalne verige (SCM), upravljanje odnosov s strankami (CRM), poslovna inteligenca (BI), proizvodni informacijski sistemi (MES).*	• *Process approach of business renovation and informatisation.*
• *Načrtovanje, izvajanje in obvladovanje projektov prenove in informatizacije sistemov.*	• *Information solutions in practise: Enterprise Resource Planning (ERP), Enterprise Content Management (ECM), Product Lifecycle Management (PLM), Supply Chain Management (SCM), Customer Relationship Management (CRM), Business Intelligence (BI), Manufacturing Execution System (MES).*
• *Vloga in pomen informatike pri prenovi poslovanja.*	• *Planning, implementation and management of business process renovation and informatisation projects.*
• *Vloga in pomen informatike po formalno končanem obdobju prenove poslovanja.*	• *The role and importance of informatics in business process renovation.*
• *Ključni dejavniki uspeha pri prenovi in informatizaciji sistemov.*	• *The role and importance of informatics after the formal completion of business process renovation period.*
• *Pogoste napake pri izvajanju prenove in informatizacije sistemov.*	• *Key success factors in business process renovation and informatisation.*
• *Novi pristopi in trendi na področju prenove in informatizacije sistemov.*	• *Frequent implementation mistakes in business process renovation and informatisation.*
	• *New approaches and trends in business process renovation and informatisation.*

Temeljna literatura in viri/Readings:

Temeljna literatura/Basic literature
- Bocij, P., Greasley, A., & Hickie, S. (2019). Business information systems: Technology, development and management for the modern business, 6. ed.. Pearson.
- Kovačič, A., Jaklič, J., Indihar Štemberger, M., & Groznik, A. (2004). Prenova in informatizacija poslovanja (1. natis). Ekonomska fakulteta.
- Gradiva pri predmetu (predavanja in vaje) / Course materials (lectures and tutorials)

Priporočljiva literatura/Recommended literature
- Gradišar, M., Jaklič, J., & Turk, T. (2012). Osnove poslovne informatike (2. natis). Ekonomska fakulteta.
- Kovačič, A. in Bosilj-Vukšić, V. (2005). Management poslovnih procesov : prenova in informatizacija poslovanja s praktičnimi primeri (1. natis). GV založba.
- Članki v strokovnih in znanstvenih revijah / Articles in scientific and professional journals.

Cilji in kompetence:	**Objectives and competences:**
Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc:	*The learning unit mainly contributes to the development of the following general and*

• sposobnost poglobljenega razumevanja prenove in informatizacije poslovanja, • sposobnost definiranja, razumevanja in ustvarjalnega reševanja strokovnih izzivov na področjih prenove in informatizacije poslovanja, • razumevanje vloge in pomena informatike v konkurenčnem poslovnem okolju, • razumevanje pristopov in trendov na področju prenove in informatizacije sistemov, • sposobnost kreativnega sodelovanja v projektih prenove in informatizacije poslovanja, • sposobnost uporabe sodobnih znanj na področju prenove in informatizacije poslovanja v gospodarstvu in negospodarstvu.	*specific competences:* • the ability for in-depth understanding of business process renovation and informatisation, • the ability to define, understand and creatively solve professional challenges in the areas of business process renovation and informatisation, • understanding the role and importance of informatics in a competitive business environment, • understanding approaches and trends in business process renovation and informatisation, • the ability to creatively participate in projects of business process renovation and informatisation, • the ability to use modern knowledge in the field of business process renovation and informatisation in the economy and public sector.

Predvideni študijski rezultati:	**Intended learning outcomes:**
Študent/študentka: • razume pomen povezovanja strategije informatike s strategijo podjetj,. • razume vlogo informacijskih tehnologij pri prenovi in informatizaciji poslovanja, • razume in pozna principe procesnega pristopa prenove in informatizacije poslovanja, • razume pomen procesne orientiranosti podjetja, • se usposobi za kreativno sodelovanje v projektih prenove in informatizacije poslovanja ter uporabo sodobnih znanj.	*Students:* • understand the importance of integrating the IT strategy with the company strategy, • understand the role of information technology in the business process renovation and informatisation, • understand and know the principles of process approach of business renovation and informatisation, • understand the value of business process orientation of the company, • develop skills for creatively participate in projects of business process renovation and informatisation and for use modern knowledge.

Metode poučevanja in učenja:	**Learning and teaching methods:**
• *predavanja* z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov), • *laboratorijske vaje:* refleksija izkušenj, praktično reševanje več tipičnih problemov, predstavitev in zagovor seminarske naloge, diskusija, sporočanje povratne informacije.	• *lectures* with active student participation (explanation, discussion, questions, examples, problem solving), • *laboratory work:* reflection on experience, practical solving of several typical problems, presentation and defence of the seminar paper, discussion, feedback.

Načini ocenjevanja:	Delež (v %) Weight (in %)	Assessment:
Načini: • izpit • izdelava, predstavitev in zagovor seminarske naloge Ocenjevalna lestvica: ECTS.	60 % 40 %	Types: • exam • preparation, presentation and defence of the seminar paper Grading scheme: ECTS.