

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Proizvodnja
Course title:	Production

Študijski program in stopnja <i>Study programme and level</i>	Študijska smer <i>Study field</i>	Letnik <i>Academic year</i>	Semester <i>Semester</i>
Menedžment kakovosti Dodiplomska (prva)	Program nima smeri	2.	3.
Quality Management Undergraduate (First)	The program has no study fields	2	3

Vrsta predmeta / Course type:	Obvezni	Required
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Univerzitetna koda predmeta / University course code:	011012-02
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Predavanja <i>Lectures</i>	Seminar <i>Seminar</i>	Sem. vaje <i>Tutorial</i>	Lab. vaje <i>Laboratory work</i>	Teren. vaje <i>Field work</i>	Samost. delo <i>Individ. work</i>	ECTS
30	-	45	-	-	105	6

Nosilec predmeta / Lecturer:	mag. Franc Brcar	Franc Brcar, MSC
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Jeziki / Languages:	Predavanja / Lectures:	Vaje / Tutorial:
	Slovenski, angleški	Slovenski, angleški
	Slovenian, English	Slovenian, English

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

- Vpis v 2. letnik študija.
- Študent/študentka mora pred pristopom k izpitu pripraviti in zagovarjati empirično seminarsko nalogo.

Prerequisites:

- Enrolment in the second year of study.
- The student must prepare and defend an empirical seminar paper as a prerequisite for the final exam.

Vsebina:

1. Določitev proizvodne strategije.
2. Ocena potrebne količine proizvodnje.
3. Proizvodni program.
4. Zagotavljanje proizvodnih kapacitet.
5. Organiziranje delovnega procesa.
6. Oblikovanje dela na delovnem mestu.
7. Kakovost izdelkov in storitev.
8. Planiranje proizvodnje
9. Zaloge materiala in izdelkov.
10. Celovito produktivno vzdrževanje (TPM).
11. Strukturiranje proizvodne funkcije v organizaciji.
12. Primeri dobrih praks.
13. Vidik proizvodne funkcije v modelih, standardih in metodah celovite kakovosti in poslovne odličnosti.

Content (Syllabus outline):

1. Determining the production strategy.
2. Estimating the required volume of production.
3. The production program.
4. Ensuring production capacities.
5. Organizing the work process.
6. Designing work for the work place.
7. Quality of products and services.
8. Production planning.
9. Inventories of materials and products.
10. Total productive maintenance (TPM).
11. Structuring the production functions in the organization.
12. Examples of good practices.
13. Production functions in models, standards, and methods of total quality and business excellence.

Temeljna literatura in viri / Readings

Obvezna literature / Required reading(s):

– Kavčič, B. (2000). *Upravljanje proizvodnje*. Novo mesto: Visoka šola za upravljanje in poslovanje.

Dodatna – dopolnilna / Recommended reading(s):

– Kaltnekar, Z. (1996). *Organizacija delovnih procesov*. Kranj: Moderna organizacija.

– Martinich, J. S. (1997). *Production and operations management*. New York: John Wiley & Sons.

– Rozman, R., & Rusjan, B. (1996). *Organizacija (ravnanje) proizvodnje*. Ljubljana: Ekonomska fakulteta.

– Wild, R. (1999). *Production and operations management*. London: Cassell.

Cilji in kompetence:

- Poznavanje in razumevanje procesov, procesno zasnovane organizacije ter sposobnost obvladovanja nenehnega izboljševanja.
- Uporaba in razvoj metod in tehnik za uspešno in učinkovito obvladovanje procesov ter nenehno izboljševanje kakovosti dela, izdelkov in storitev.
- Sposobnost analize, sinteze ter fleksibilne uporabe znanja v praksi.
- Usposobljenost za obvladovanje organizacijskih sprememb v organizaciji kot odziv na spremembe v okolju.
- Usposobljenost za vodenje oddelka in/ali skupine, organiziranje aktivnega in samostojnega dela ter usposabljanje zaposlenih.
- Sposobnost interdisciplinarnega povezovanja znanj različnih predmetov.
- Usposobljenost za mentorsko delo, strokovni razvoj in vseživljenjsko učenje.
- Internalizacija gradnikov sodobne organizacijske teorije, temelječe na organizaciji kot ciljno usmerjenih razmerij med ljudmi.
- Poznavanje in razumevanje avtopoetičnega koncepta obvladovanja kakovosti in odličnosti, temelječega na spiralno-vijačnem zaporedju planiranja, izvedbe, preverjanja in ukrepanja.
- Poznavanje in razumevanje filozofije, pristopov, modelov, orodij in standardov celovite kakovosti in poslovne odločnosti ter usposobljenost za njihovo uporabo v praksi.
- Sposobnost prepoznavanja, obvladovanje in nenehnega izboljševanja procesov v organizaciji ter njihove povezave v celovit sistem.
- Poznavanje temeljnih konceptov procesa razvoja novih izdelkov in storitev.
- Poznavanje pristopov in modelov obvladovanja proizvodnje izdelkov in storitev.
- Usposobljenost za obvladovanje in nenehno izboljševanje dela v proizvodnih oziroma storitvenih organizacijah.

Objectives and competences:

- Knowing and understanding of processes, process-based organization and the ability to manage continuous improvement.
- Use and development of methods and techniques for efficient and effective process management and continuous quality improvement of work, products and services.
- Ability to analyze, synthesize, and flexible use of knowledge in practice.
- The ability for managing organizational change within an organization in response to changes in the environment.
- Ability to lead departments and / or groups, organizing active and independent tasks, and training employees.
- The ability to connect interdisciplinary knowledge from various subjects.
- Qualifications in being a mentor, for professional development, and lifelong learning.
- Internalisation of building blocks within contemporary organization theory that is based on an organization as a target-oriented relationship among individuals and people.
- Knowing and understanding the concept of autopoiesis in reference to quality management and excellence founded on the spiralling order of planning, doing, checking, and acting.
- Knowing and understanding of the philosophy, approaches, models, tools and standards of total quality and business excellence, and determination to apply them in practice.
- Ability to identify, control and continuous improvement of processes within the organization, and its links to a comprehensive system.
- Knowing of the basic concepts of the process of developing new products and services.
- Knowing of approaches and models of management of manufacturing products and services.
- Ability to manage and continually improve manufacturing in production and service organizations

Predvideni študijski rezultati:

Intended learning outcomes:

<p>Študent/študentka:</p> <ul style="list-style-type: none"> – Pozna in razume pomen procesnega pristopa pri obvladovanju proizvodnje izdelkov in storitev. – Pozna in razume vlogo proizvodne funkcije v poslovnih odnosih. – Reflektira in kritično ovrednoti različne možnosti uspešnega in učinkovitega načina menedžmenta proizvodnje. – Razume interakcijsko delovanje dejavnikov, ki vplivajo na uspešnost in učinkovitost proizvodnih procesov. – Pridobi osnove strukturiranja funkcije menedžmenta proizvodnje. – Pozna in uporablja sodobne pristope, modele in orodja za organiziranje proizvodne funkcije. – Reflektira in kritično ovrednoti različne izkušnje s področja menedžmenta proizvodnje. – Aktivno in kritično spremlja in reflektira aktualno dogajanje na področju proizvodnje izdelkov in storitev. – Pozna in razume umeščenost proizvodne funkcije v širše družbene, kulturne in vrednotne kontekste ter z refleksijo teh kontekstov oblikuje intelektualno aktiven odnos do sveta. – Pozna in razume vlogo in pomen obvladovanja sprememb v poslovnih odnosih. 	<p>The student will:</p> <ul style="list-style-type: none"> – Know and understand the importance of process approach at managing production of products and services. – Know and understand the role of production function in business relations. – Reflect and critically assess different opportunities for successful and effective methods of production management. – Understand the interaction among factors that influence the success and effectiveness of production processes. – Receive the basic structuring function of production management. – Know and use modern approaches, models and tools for organizing the production function. – Reflect and critically assess various experiences from the area of production management. – Actively and critically follow and reflect on current events from the field of production of products and services. – Know and understand how production function fits with society in large, within the context of culture and value as well as reflect from these contexts to form an intellectually active relationship to the world.
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<p>Metode poučevanja in učenja:</p> <ul style="list-style-type: none"> – Predavanja z aktivno udeležbo študentov (razlaga snovi, pogovori, vprašanja, primeri, reševanje problemov). – Seminarske vaje v povezavi s prakso (refleksija izkušenj, projektno delo, timsko delo, metode kritičnega mišljenja, pogovori, sporočanje povratne informacije, socialne igre, ekskurzija). – Individualne in skupinske konzultacije (pogovori, dodatna razlaga, obravnava specifičnih vprašanj). – Animacija samostojnega študija in raziskovanja (motiviranje, usmerjanje, samoopazovanje, samouravnavanje, refleksija, samoocenjevanje). 	<p>Learning and teaching methods:</p> <ul style="list-style-type: none"> – Lectures with active student participation (discussions, talks, questioning, cases, problem-solving). – Seminar papers in connection to practice (reflections from experience, project work, teamwork, methods of critical thinking, talks, providing feedback, social games, excursions). – Individual and group consultations (discussions, additional explanations, discussing specific questions). – Facilitating independent study and research (motivating, directing, self-examination, self-regulation, reflection, and self-assessment).
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Načini ocenjevanja:	Delež / Weight (%)	Assesment:
Način (pisni izpit, ustno izpraševanje, naloge, projekt)		<i>Type (examination, oral, coursework, project)</i>
– Pisni/ustni izpit	60%	– Written / Oral Exam
– Empirična seminarska naloga s poročili seminarskega dela ter predstavitev naloge	40%	– Empirical seminar paper with reports from seminar work and seminar paper presentation

Reference nosilca / Lecturer's references:

- BRCAR, Franc, LAH, Silvo. Dileme izvajanja procesa letnih razgovorov v gospodarskih družbah. Organizacija (Kranj), 2010, let. 43, št. 4, str. A111-A118. [COBISS.SI-ID 20882999]
- BRCAR, Franc, LAH, Silvo. Innovation management and an innovative ideas system. Organizacija (Kranj), 2011, let. 44, št. 1, str. 3-10, doi: 10.2478/v10051-011-0001-1. [COBISS.SI-ID 21097783]
- BRCAR, Franc. The perspective of business process outsourcing in Slovenian organizations. Organizacija (Kranj), 2011, vol. 44, nr. 4, str. 145-150, doi: 10.2478/v10051-011-0015-8. [COBISS.SI-ID 21479479]
- BRCAR, Franc. Izzivi zunanjega izvajanja informatike. Uporab. inform. (Ljubl.), 2011, leto 19, št. 1, str. 15-23. [COBISS.SI-ID 21197623]
- BRCAR, Franc, LAH, Silvo. Vloga in položaj službe za informatiko v novem tisočletju. Uporab. inform. (Ljubl.), 2009, leto 17, št. 4, str. 232-239. [COBISS.SI-ID 20514871]