

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet: Delovna praksa
Course title: Work Practice

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Kibernetska varnost, magistrski študijski program druge stopnje	-	Prvi	Drugi
The second cycle masters study programme Cyber Security	-	First	Second

Vrsta predmeta / Course type

Izbirni / Elective

Univerzitetna koda predmeta / University course code:

5-KV-MAG-IP-DP-2022-06-10

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
/	/	/	/	120	30	5

Nosilec predmeta / Lecturer:

doc. dr. Katarina Rojko, prodekanja za izobraževanje

Jeziki / Languages:

Predavanja / Lectures: Slovenski / Slovenian, Angleški / English

Vaje / Tutorial: Slovenski / Slovenian, Angleški / English

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

Pogoj za vključitev v delo je vpis v 1. letnik študija.

Prerequisites:

Prerequisite for inclusion is enrolment into the first year of the study.

Vsebina:

Seznaniitev z organizacijo, v kateri študent opravlja delovno prakso (DP):

- vrsta dejavnosti, položaj v regiji in državi, organiziranost, materialni in kadrovski pogoji za delo, uspešnost poslovanja

Študent se v organizaciji, v kateri opravlja DP, praktično seznani z predmetno-specifično vsebino kibernetske varnosti, ki je vezana na predmete študijskega programa.

Content (Syllabus outline):

Familiarization with the organisation offering work practice (IWP) to students:

- type of activity, organisation position within the region and state, organisational form, material and human resource conditions necessary for the performance of work, business performance

In the organization offering WP, students become familiar with subject-specific content on cyber security related to the courses of the study programme.

Temeljni literatura in viri / Readings:

Pravilnik o izvajanju delovne prakse študentov na Fakulteti za informacijske študije v Novem mestu.

Regulations on performing student work practice at the Faculty of Information Studies in Novo mesto.

Cilji in kompetence:

Učna enota prispeva k razvoju naslednjih splošnih in predmetno- specifičnih kompetenc:

Splošne kompetence:

- Razumevanje pomena kibernetске varnosti.
- Sposobnost poslovnega komuniciranja, skupinskega dela in uporabe informacijskih tehnologij za namen zagotavljanja kibernetске varnosti.
- Sposobnost fleksibilne uporabe pridobljenega znanja o kibernetски varnosti v praksi.

Predmetno-specifične kompetence:

- zmožnost vzpostavljanja in vzdrževanja kooperativnih odnosov za delo z mentorjem, v skupini in s partnerji organizacije
- zmožnost za prepoznavanje in izkoriščanje priložnosti (profesionalizacija), ki se ponujajo v delovnem okolju
- priprave na usposobljenost za samostojno in avtonomno delo na področju kibernetске varnosti
- pridobivanje praktičnih znanj in izkušenj za delo v poslovnem procesu
- razvijanje odgovornosti, strokovnega pristopa, poklicne identitete, profesionalnosti, multidisciplinarnosti, samoiniciativnosti in sposobnosti timskega dela

Objectives and competences:

The instructional unit contributes to the development of the following general and subject-specific competencies:

General competences:

- Understanding the importance of cyber security.
- The ability to do business communication, teamwork and use of information technology to ensure cyber security.
- The ability of flexible usage of the acquired knowledge on cyber security in practice.

Subject-specific competences:

- ability to establish and maintain cooperative relations with mentor, team members and partners of the organization
- ability to recognise and use the opportunities (professionalism) in the working environment
- preparation for the qualification for individual and independent work in the field of cyber security
- obtain practical knowledge and experience required for work related to business processes
- develop a sense of responsibility, professional approach, professional identity, professionalism, multidisciplinary attitude, personal initiative, and capabilities required in team work

Predvideni študijski rezultati:

Znanje in razumevanje:

Študent/študentka:

- se ustrezno sporazumeva in sodeluje z mentorjem, zaposlenimi v organizaciji in partnerji organizacije

Intended learning outcomes:

Knowledge and understanding:

The student:

- properly communicates and cooperates with mentor, organization employees and organization's partners

- pridobi praktično znanje in izkušnje v poslovnem procesu organizacije
- razvija odgovornost, strokovni pristop, poklicno identiteto, profesionalnost, multidisciplinarnost, samoiniciativnost in sodeluje pri timskem delu
- uporablja teoretična znanja in praktične izkušnje pridobljene med študijem
- se seznani z osnovnimi dejstvi organizacije (vrsta dejavnosti, položaj v regiji in državi, organiziranost, materialni in kadrovske pogoji za delo, uspešnost poslovanja)
- se seznani z internimi in medorganizacijskimi poslovnimi procesi.

- gains practical knowledge and experience within a business process of an organization
- develops a sense of responsibility, professional approach and identity, professionalism, multidisciplinary attitude, personal initiative, and capabilities required in teamwork
- uses theoretical knowledge and practical experience obtained during studies at the faculty
- gets accustomed to basic facts of an organisation (activity types, position within a region and state, organisational structure, material and HR work conditions, business performance)
- gets accustomed to internal and inter-organisational business processes
- gets accustomed to information systems within an organization

Metode poučevanja in učenja:

- delo študenta v izbrani organizaciji v realnem delovnem okolju
- urejanje, zbiranje in vodenje predpisane dokumentacije za delovno prakso
- priprava poročila o delovni praksi in ustni zagovor poročila

Learning and teaching methods:

- students are required to work for a chosen organisation, in the real-life work environment
- arrangement, collection, and management of required documentation for work practice
- preparation of a report on the work practice and oral defence of the report

Delež (v %) /
Weight (in %)

Načini ocenjevanja:

Assessment:

Način (pisni izpit, ustno izpraševanje, naloge, projekt):	Delež (v %) / Weight (in %)	Type (examination, oral, coursework, project):
<ul style="list-style-type: none"> • pozitivna ocena mentorja delovne prakse ob zaključku dela v izbrani organizaciji 	80	<ul style="list-style-type: none"> • positive assessment of the work practice mentor at the conclusion of the work practice in the selected organisation.
<ul style="list-style-type: none"> • priprava pisnega poročila delovne prakse z vsemi ustrezno izpolnjenimi pripadajočimi obrazci in pozitivno ocenjenega ustnega zagovora poročila 	20	<ul style="list-style-type: none"> • preparation of the written report of the work practice including all required forms filled out properly and positively evaluated oral defense of the written report

Reference nosilca / Lecturer's references:

- ROJKO, Katarina, ERMAN, Nuša, JELOVAC, Dejan. Impacts of the transformation to industry 4.0 in the manufacturing sector : the case of the U.S. Organizacija : revija za management, informatiko in kadre. [Tiskana izd.]. Nov. 2020, vol. 53, no. 4, str. 287-305,

ilustr.

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1318-5454.

[http://organizacija.fov.uni-](http://organizacija.fov.uni-mb.si/index.php/organizacija/article/view/1387)

[mb.si/index.php/organizacija/article/view/1387.](http://organizacija.fov.uni-mb.si/index.php/organizacija/article/view/1387)

- ROJKO, Katarina, LESJAK, Dušan, ŠUŠTERŠIČ, Janez. Information and communication technology spending and the latest (2008-) economic crisis. *International journal of sustainable economy*, ISSN 1756-5804, 2015, vol. 7, iss. 4, str. 306-326.
- ROJKO, Katarina, JELOVAC, Dejan. Challenges due to excessive amount of online data and (mis)Information. V: STRAHONJA, Vjeran (ur.), KIRINIĆ, Valentina (ur.). *CECIIS : Central European Conference on Information and Intelligent Systems : 29th international conference, September 19th-21st, 2018, Varaždin, Croatia*, (Central European Conference on Information and Intelligent Systems (Print), ISSN 1847-2001), (Central European Conference on Information and Intelligent Systems (Online), ISSN 1848-2295). Varaždin: Faculty of Organization and Informatics. 2018, str. 33-38.
- ROJKO, Katarina, JELOVAC, Dejan. Human role in factories of the future. V: *Zbornik radova, Prva međunarodna naučna konferencija o digitalnoj ekonomiji DIEC 2018*, Visoka škola "Internacionalna poslovno-informaciona akademija" Tuzla, maj 2018. Tuzla: Off-set d.o.o. 2018, str. 165-178.