

PRAVO IN NOVE TEHNOLOGIJE

UČNI NAČRT PREDMETA/COURSE SYLLABUS

Predmet:	PRAVO IN NOVE TEHNOLOGIJE
Course title:	LAW AND NEW TECHNOLOGIES
Članica nosilka/UL Member:	UL FU

Študijski programi in stopnja	Študijska smer	Letnik	Semestri	Izbirnost
Uprava, prva stopnja, visokošolski strokovni	Ni členitve (študijski program)	2. letnik, 3. letnik	2. semester	izbirni

Univerzitetna koda predmeta/University course code:	0070588
Koda učne enote na članici/UL Member course code:	1645

Predavanja /Lectures	Seminar /Seminar	Vaje /Tutorials	Klinične vaje /Clinical tutorials	Druge oblike študija /Other forms of study	Samostojno delo /Individual student work	ECTS
20				90	70	6

Nosilec predmeta/Lecturer:	Tina Sever
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Vrsta predmeta/Course type:	Izbirni/Core
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Jeziki/Languages:	Predavanja/Lectures:	Angleščina, Slovenščina
	Vaje/Tutorial:	

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

Vsebina:	Content (Syllabus outline):
1. Etična, filozofska in družbena vprašanja tehnoloških iznajdb. 2. Varstvo temeljnih človekovih pravic. 3. Pravna ureditev novih tehnologij na nacionalni in supranacionalni ravni. 4. Trajnostnost novih tehnologij in njihovi čezmejni učinki. 5. Pravo, robotika in umetna inteligenca. 6. Nove tehnologije in varstvo osebnih podatkov. 7. Uporaba umetne inteligence na izbranem področju. 8. Uporaba umetne inteligence na izbranem področju. 9. Avtomatizirano odločanje v javni upravi 10. Samovozeča vozila kot primer regulacije novih tehnologij. 11. Nove tehnologije in vojno pravo.	1. Ethical, philosophical and social issues of technological inventions 2. Protection of Human Rights 3. Regulation of new technologies on national and supranational level 4. Sustainability of new technologies and their cross-border impact 5. Law, robotics and artificial intelligence 6. New technologies and personal data protection 7. Application of artificial intelligence in the chosen field 8. Application of artificial intelligence in the chosen field 9. Automated decision-making in public administration 10. Self-driving vehicles as an example of regulation of new technologies

12. Nove tehnologije v slovenskem (pravnem) prostoru.	11. New technologies and war law 12. New technologies in Slovene (legal) environment
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Temeljna literatura in viri/Readings:

1. Alon-Barkat, S., & Busuioc, M. (2023). Human–AI Interactions in Public Sector Decision Making: “Automation Bias” and “Selective Adherence” to Algorithmic Advice. <i>Journal of Public Administration Research and Theory</i> , Volume 33, Issue 1, 16 str.	
2. Barysè, D., & Sarel, R. (2023). Algorithms in the court: Does it matter which part of the judicial decision-making is automated? <i>Artificial Intelligence and Law</i> , 25 str.	
3. Broedres, D. et al. (2017). Big Data and security policies: Towards a framework for regulating the phases of analytics and use of Big Data. <i>Computer Law and Security Review</i> , vol. 33, issue 3, 15 str.	
4. Calo, R., Froomkin, A. M., Kerr, I. (2016). <i>Robot Law</i> . Cheltenham, Northampton: Elgar, 100 str.	
5. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation, GDPR). 10 str.	
6. Hildebrandt, M. (ur.), De Vries, K. (ur.) (2015). <i>Privacy, Due Process and the Computational Turn: The Philosophy of Law Meets the Philosophy of Technology</i> . Routledge, 50 str.	
7. Jasanoff, S. (2016). <i>The Ethics of Invention: Technology and the Human Future</i> . London, New York: W.W. Norton & Co, 50 str.	
8. Kerikmäe, T., Rull, A. (2016). <i>The Future of Law and eTechnologies</i> . Springer International Publishing, 25 str.	
9. Leenes, R. et al. (2017). Regulatory challenges of robotics: some guidelines for addressing legal and ethical issues. <i>Law, innovation and technology</i> , 9(1) 1-44, 20 str.	
10. Nasu, H. (ur.), McLaughlin, R. (ur.) (2014). <i>New Technologies and the Law of Armed Conflict</i> . T.M.C. Asser Press, 20 str.	
11. Relevant national, international and EU regulation, 20 str.	
12. Sever, T., Contissa, G. (2024). Automated driving regulations – where are we now?. <i>Transportation research interdisciplinary perspectives</i> , vol. 24, 19 str.	
13. Shneiderman, B. (2022). <i>Human-Centered AI</i> . Oxford University Press, 50 str.	
14. Yanisky-Ravid, S., Velez-Hernandez, L. A. (2017). Copyright ability of artworks produced by creative robots and the concept of originality: the formality - objective model, 20 str.	

Cilji in kompetence:

Cilji • poznajo in razumejo etične, sociološke in pravne izzive novih tehnologij • razumejo pomen regulacije novih tehnologij • se usposobijo za pripravo pravnih rešitev za izbrana področja novih tehnologij • poznajo specifično terminologijo za izbrana področja • znajo identificirati (bodoče) izzive novih tehnologij in poiskati rešitve Kompetence • sposobnost kritične presoje in reševanja problemov s področja novih tehnologij • sposobnost analize lažjih pravnih dilem in oblikovanje predlogov rešitev • zmožnost izražanja v strokovnem jeziku • spoštovanje etičnih in trajnostnih načel • razumevanje temeljne pravne ureditve na nacionalni in EU ravni.	Objectives and competences: Objectives • know and understand ethical, social and legal challenges of new technologies • understand purpose of regulation of new technologies • have knowledge to prepare legal solutions for selected new technologies • know specific terminology for selected fields • identify (future) challenges of new technologies and find solutions Competences • critically evaluate problems in the field of new technologies • analyse legal dilemmas and formulate solutions • ability to express themselves in the technical language • respect of ethical and sustainability principles • Understanding of the fundamental legal regulation at the national and EU level.
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Predvideni študijski rezultati:

Znanje in razumevanje: • študent bo zmožen razumeti pojme, teorijo, pojave, regulacijo novih tehnologij	Intended learning outcomes: Knowledge and understanding: • student understands definitions, theory and regulation of new technologies
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• študent bo zmožen kritično ovrednotiti sociološke, etične in pravne dileme novih tehnologij • študent bo zmožen rešiti pravna vprašanja s področja novih tehnologij • študent bo zmožen pripraviti osnutke pravnih aktov • študent zna proučiti pravno ureditev na izbranih področjih, identificirati probleme in predlagati rešitve	• student is able to critically evaluate social, ethical and legal dilemmas of new technologies • student is able to solve legal issues in the field of new technologies • student is able to prepare drafts of legal acts • student is able to examine regulation of selected fields, identify problems and outline solutions
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Metode poučevanja in učenja:	Learning and teaching methods:
1. priprava študenta na predavanja 2. predavanje 3. e-učenje 4. študija primera 5. problemsko učenje 6. raziskovalno delo	1. student preparations for lectures 2. lecture 3. e-learning 4. case study 5. problem based learning 6. research work

Načini ocenjevanja:	Delež/Weight	Assessment:
1. pisni ali ustni izpit	60,00 %	1. written or oral exam
4. problemsko učenje	40,00 %	4. problem based learning

Ocenjevalna lestvica:	Grading system:
5 - 10, pri čemer velja, da je pozitivna ocena od 6 - 10	5 - 10, a student passes the exam if he is graded from 6 to 10

Reference nosilca/Lecturer's references:

1. Sever, T., Contissa, G. (2024) Automated driving regulations - where are we now?. Transportation research interdisciplinary perspectives, vol. 24. 2. Sever, T. (2024). Izboljšanje učinkovitosti delovanja javnega sektorja z uvajanjem novih tehnologij. V: Aristovnik, A. (ur.), Kovač, P. (ur.), Jukić, T. (ur.). Digitalna preobrazba javne uprave v teoriji in praksi = Digital transformation of public administration in theory and practice. 1. izd. Ljubljana: Fakulteta za upravo, 2024. Str. 113-148, 365-366. Upravna misel. ISBN 978-961-262-166-7. 3. Sever, T. (2023). Samovozeča vozila - realnost ali iluzija?. Fakulteta za upravo. ilustr. ISSN 1854-4088. https://www.fu.uni-lj.si/blog/samovozeca-vozila-realnost-ali-iluzija/. 4. Sever, T. (2023). Automated decision-making in public sector. V: The future of public administration enabled through emerging technologies: 31th NISPAcee Annual Conference, May 25-27, 2023, Belgrade, Serbia : e-proceedings. Belgrade: NISPAcee, 2023. 5. Sever, T., Rakar, I., Kovač, P. (2014). Protecting human rights through fundamental principles of administrative procedures in Eastern Europe. <i>Danube</i>, 5(4) 249-27 6. Sever, T. (2015). Odgovornost države in javnih uslužbencev za škodo. <i>Javna uprava</i>, 51(1/2) 119-138, 178-179. 7. Kovač, P., Sever, T. (2015). Collaborative public administration and administrative procedures: the Administrative Consultation Wiki. <i>Teorija in praksa</i>, 52(5) 971-992, 1006-100 8. Kovač, P., Sever, T. (2016). Upravna svetovalnica kot primer vključitve študentov, uradnikov in državljanov pri soustvarjanju (u)pravnih vsebin = Administrative Consultation Wiki as a case of inclusion of students, officials and citizens at co-creating legal administrative contents. V K. Aškerc Veniger (ured.) et al., <i>Izboljševanje kakovosti poučevanja in učenja v visokošolskem izobraževanju : od teorije k praksi, od prakse k teoriji</i> = <i>Improving the quality of teaching and learning in higher education : from theory to practice, from practice to theory</i> (str. 80-88). Ljubljana: Center RS za mobilnost in evropske programe izobraževanja in usposabljanja
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