# PRAVO IN NOVE TEHNOLOGIJE

# UČNI NAČRT PREDMETA/COURSE SYLLABUS

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| **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 |
|---|---|---|---|---|
| Upravljanje javnega sektorja, prva stopnja, univerzitetni | Ni členitve (študijski program) | 2. letnik, 3. letnik | 2. semester | izbirni |

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| **Univerzitetna koda predmeta/University course code:** | 0109951 |
| **Koda učne enote na članici/UL Member course code:** | 1661 |

| 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 |

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| **Nosilec predmeta/Lecturer:** | Tina Sever |
| **Vrsta predmeta/Course type:** | Izbirni/Elective |

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| **Jeziki/Languages:** | Predavanja/Lectures: | Angleščina, Slovenščina |
| | Vaje/Tutorial: | |

| Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti: | Prerequisites: |
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| Ni pogojev. | No prerequisits. |

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

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| 12. Nove tehnologije v slovenskem (pravnem) prostoru. | 11. New technologies and war law<br>12. New technologies in Slovene (legal) environment |

**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. *Journal of Public Administration Research and Theory*, Volume 33, Issue 1, 16 str.
2. Barysė, D., & Sarel, R. (2023). Algorithms in the court: Does it matter which part of the judicial decision-making is automated? *Artificial Intelligence and Law*, 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. *Computer Law and Security Review*, vol. 333, issue 3,15 str.
4. Calo, R., Froomkin A. M., Kerr, I. (2016). *Robot Law*. 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). *Privacy, Due Process and the Computational Turn: The Philosophy of Law Meets the Philosophy of Technology*. Routledge, 50 str.
7. Jasanoff, S. (2016). *The Etchics of Invention: Technology and the Human Future*. London, New York: W.W. Norton & Co, 50 str.
8. Kerikmäe, T., Rull, A. (2016). *The Future of Law and eTechnologies*. Springer International Publishing, 25 str.
9. Leenes, R. et al. (2017). Regulatory challenges of robotics: some guidelines for addressing legal and ethical issues. *Law, innovation and technology*, 9(1) 1-44, 20 str.
10. Nasu, H. (ur.), McLaughlin, R. (ur.) (2014). *New Technologies and the Law of Armed Conflict*. 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?. *Transportation research interdisciplinary perspectives*, vol. 24, 19 str.
13. Shneiderman, B. (2022). *Human-Centered AI*. 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:** | **Objectives and competences:** |
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| Cilji<br>• poznajo in razumejo etične, sociološke in pravne izzive novih tehnologij,<br>• razumejo pomen regulacije novih tehnologij,<br>• se usposobijo za pripravo pravnih rešitev za izbrana področja novih tehnologij,<br>• poznajo specifično terminologijo za izbrana področja,<br>• znajo identificirati (bodoče) izzive novih tehnologij in poiskati rešitve.<br>Kompetence<br>• sposobnost kritične presoje in reševanja problemov s področja novih tehnologij,<br>• sposobnost analize lažjih pravnih dilem in oblikovanje predlogov rešitev,<br>• zmožnost izražanja v strokovnem jeziku,<br>• spoštovanje etičnih in trajnostnih načel,<br>• razumevanje temeljne pravne ureditve na nacionalni in EU ravni. | Objectives<br>• Know and understand ethical, social and legal challenges of new technologies<br>• Understand purpose of regulation of new technologies<br>• Have knowledge to prepare legal solutions for selected new technologies<br>• Know specific terminology for selected fields<br>• Identify (future) challenges of new technologies and find solutions.<br>Competences<br>• Critically evaluate problems in the field of new technologies<br>• Analyse legal dilemmas and formulate solutions<br>• Ability to express themselves in the technical language<br>• Respect of ethical and sustainability principles<br>• Understanding of the fundamental legal regulation at the national and EU level. |

| **Predvideni študijski rezultati:** | **Intended learning outcomes:** |
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| Znanje in razumevanje:<br>• študent bo zmožen razumeti pojme, teorijo, pojave, regulacijo novih tehnologij, | Knowledge and understanding:<br>• 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,<br>• študent bo zmožen rešiti pravna vprašanja s področja novih tehnologij,<br>• študent bo zmožen pripraviti osnutke pravnih aktov,<br>• 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<br>• Student is able to solve legal issues in the field of new technologies<br>• Student is able to prepare drafts of legal acts<br>• Student is able to examine regulation of selected fields, identify problems and outline solutions. |

| **Metode poučevanja in učenja:** | **Learning and teaching methods:** |
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| 1. priprava študenta na predavanja | 1. student preparations for lectures |
| 2. predavanje | 2. lecture |
| 3. e-učenje | 3. e-learning |
| 4. študija primera | 4. case study |
| 5. problemsko učenje | 5. problem based learning |
| 6. raziskovalno delo | 6. research work |

| **Načini ocenjevanja:** | **Delež/Weight** | **Assessment:** |
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| 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:** |
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| 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. 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, 202
5. Sever, T., Rakar, I., Kovač, P. (2014). Protecting human rights through fundamental principles of administrative procedures in Eastern Europe. *Danube*, 5(4) 249-275.
6. Sever, T. (2015). Odgovornost države in javnih uslužbencev za škodo. *Javna uprava*, 51(1/2) 119-138, 178-179.
7. Kovač, P., Sever, T. (2015). Collaborative public administration and administrative procedures: the Administrative Consultation Wiki. *Teorija in praksa*, 52(5) 971-992, 1006-1007.
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., *Izboljševanje kakovosti poučevanja in učenja v visokošolskem izobraževanju : od teorije k praksi, od prakse k teoriji = Improving the quality of teaching and learning in higher education : from theory to practice, from practice to theory* (str. 80-88). Ljubljana: Center RS za mobilnost in evropske programe izobraževanja in usposabljanja.