

Name of university, Name of faculty: Trnava University
Faculty of Law

INFORMATION SHEET OF THE SUBJECT

Code: XNDPb415	Name: Innovative Technologies and Law		
Cover: Department of Historical Law and Legal Methodology			
Type of educational activity: Lecture, Practise Scope of educational activity (in hours): Weekly: 0/1 For term of study: LS 30/,12 Method of educational activity: Combined		Number of credits: 3	Recommended semester: ST
			Study grade: Bachelor
Recommended semester	Study programme		
2.year ST	Law (XDŠBc-PR) Law (XEŠBc-PR-23)		
Underlie subjects:			
Conditions for passing the course:			
Method of evaluation: Completion by a continuing assessment			
Continuous evaluation: case study and colloquium			
Final evaluation:			
Finished:			
Learning outcomes: Learning outcomes: After passing the course, student is able: - to basically understand of law and technology interrelation, - to recognise current challenges for legal systems resulting from introduction of innovative technologies into the practice, - to apply different types of regulation that may be invoked when dealing with risks and opportunities of innovative technologies.			
Schedule of subject: The course "Innovative Technologies and Law" is elective course which provides students with interdisciplinary overview in law and technology interrelation and helps them to recognise current challenges for law, resulting from rapid scientific progress. Its content is not focused only on IT Law, but the course addressess the full spectrum of issues also from the area of „traditional law“. Content thus encompasses not only current issues related to privacy protection in the Internet environment, the issues with ownership of virtual objects, or challenges of cloud computing, but also basic information on the regulation of new technologies, regulatory policies and specific problems in the area of biotechnologies and nanotechnologies regulation. Course contents: 1) The background of regulation of innovative technologies (risk evaluation, theoretical and ideological approaches to legal regulation of innovative technologies) 2) Principles and regulatory policies 3) Modalities of regulation 4) Biotechnology - regulatory policies and patentability issues 5) Nanotechnology – regulatory policies and patentability issues 6) Protection of privacy on the Internet (web search, Cookies) 7) Privacy and Digital Rights Management (DRM) 8) Cloud computing – challenges to the Law 9) Ownership of virtual objects			
Recommended reading: Compulsory reading: APPLEGATE, S. J.: The Taming of the Precautionary Principle. William & Mary Environmental Law and Policy Review. Vol.27. Issue 1. 2002. Available at: http://scholarship.law.wm.edu/cgi/viewcontent.cgi?article=1179&context=wmelp Article 29 Data Protection Working Party - Opinion 2/2010 on online behavioural advertising adopted on 22 June 2010 Available at: http://ec.europa.eu/justice/policies/privacy/docs/wpdocs/2010/wp171_en.pdf BARTLE,A.R.: Pitfalls of Virtual Property. The Themis Group. 2004 Available at: http://www.themis-group.com/uploads/Pitfalls%20of%20Virtual%20Property.pdf COHEN, J. E.: DRM and Privacy. Berkeley Technology Law Journal. Vol. 18. 2003. Available at: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=372741 COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS: Unleashing the Potential of Cloud Computing in Europe. COM (2012)529. 27. 9. 2012 Available at: http://ec.europa.eu/information_society/activities/cloudcomputing/docs/com/com_cloud.pdf			

GUNNINGHAM, N.: Regulating biotechnology: lessons from environmental policy. In SOMSEN, H. (Ed.): The Regulatory Challenge of Biotechnology. Human Genetics, Food and Patents. Cornwall, UK: Edward Elgar Publishing Ltd. 2007

Available at: http://books.google.sk/books?id=HdN370Esj9oC&pg=PR2&lpg=PR2&dq=the+regulatory+challenge+of+biotechnology&source=bl&ots=vnWnTtPkSb&sig=G-FLJjiLmGPA3dn3MQL_TzgoaFo&hl=sk&sa=X&ei=enn2UO-WHsmD4ASaQ4DQAg&ved=0CDcQ6AEwAQ

id=HdN370Esj9oC&pg=PR2&lpg=PR2&dq=the+regulatory+challenge+of+biotechnology&source=bl&ots=vnWnTtPkSb&sig=G-FLJjiLmGPA3dn3MQL_TzgoaFo&hl=sk&sa=X&ei=enn2UO-WHsmD4ASaQ4DQAg&ved=0CDcQ6AEwAQ

KOOPS, B.J., LEENES, R.E., MARBUS, R., STUURMAN, K., VERSCHUUREN, M.J.: On Small Particles and Old Articles - An Exploration of Legal and Regulatory Issues of Nanotechnologies. TILT Law & Technology Working Paper No. 009/2008. 2008

Available at: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1300925

LESSIG, L.: The Laws of Cyberspace. Net'98 conference. Taipei. 1998

Available at: http://cyber.law.harvard.edu/works/lessig/laws_cyberspace.pdf

MARX, T. G.: Identity and Anonymity: Some Conceptual Distinctions and Issues for Research. In CAPLAN, J., TORPEY, J.: Documenting Individual Identity. Princeton University Press, 2001.

Available at: <http://web.mit.edu/gtmarx/www/identity.html>

SLOVIC, P., WEBER, U., E.: Perception of Risk Posed by Extreme Events. Center for Decision Sciences (CDS) Working Paper. Columbia University. 2002

Available at: <http://ebookbrowse.com/slovic-extreme-events-final-geneva-pdf-d50858020>

TENE, O.: What Google Knows: Privacy and Internet Search Engines. Utah Law Review. Vol 2008. No 4. 2008.

Available at: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1021490

WIENER, B. J.: The regulation of technology, and the technology of regulation. Technology in Society 26. pp. 483-500. 2004

Available at:

http://scholarship.law.duke.edu/cgi/viewcontent.cgi?article=1960&context=faculty_scholarship

Language requirements: English

Notes:

Course evaluation:

Assessed students in total: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

JUDr. Zuzana Adamová, PhD., examiner, instructor

prof. PhDr. JUDr. Tomáš Gábriš, PhD., LL.M., MA, examiner, instructor

Date of last change: 01.09.2026

Approved by: prof. PhDr. JUDr. Tomáš Gábriš, PhD., LL.M., MA