REPUBLIKA E SHQIPËRISË

"ISMAIL QEMALI" UNIVERSITY
FACULTY OF TECHNICAL AND NATURAL SCIENCES
COMPUTER SCIENCE DEPARTMENT

COURSE SYLLABUS

ICT LEGISLATION

Curriculum Developer		**Prof.assoc. Jonida Mehmetaj** *Prof.assoc in Legal Sciences*							
Credits and hours	CREDIT	Classroom hours						Individual study	TOTAL
		Lecture	Seminar	Labs	Practice	Projects	Total		
	4 ECTS	30	15	0	0	0	45	55	100
Subject typology		D - New formative knowledge, such as additions in foreign languages, IT knowledge, professional practices, etc.							
Academic year/Semester		Year 2025-2026, Year I, Semester I							
Type of subject		Mandatory							
Study program		Bachelor in "Computer Engineering"							
Course code		DRE132E							
Email of curriculum developer / lecturer		jonida.mehmetaj@univlora.edu.al							

SUMMARY AND LEARNING OUTCOMES

Course description	This course provides an in-depth understanding of the legal and regulatory framework governing Information and Communication Technology (ICT) in Albania. It covers key topics such as IT governance, data protection, cybersecurity, intellectual property, e-governance, and electronic communications. Students will explore Albanian laws, including personal data protection, electronic commerce, and cybercrime, while also learning about international standards like GDPR and ISO 38500. The course emphasizes practical applications, preparing students to navigate legal challenges in ICT and ensure compliance with relevant legislation. Through case studies and real-world examples, students will develop the skills needed to address legal issues in the rapidly evolving ICT sector.
Course objectives	▪ To provide students with a comprehensive understanding of ICT legislation and governance in Albania. ▪ To familiarize students with the legal framework governing information technology, electronic communications, and data protection. ▪ To introduce students to the principles of IT governance, auditing, and compliance with international standards. ▪ To equip students with the knowledge to apply ICT legislation in real-world scenarios, including cybersecurity, intellectual property, and e-governance.
Expected results	By the end of the course, students will be able to: ● Understand and apply Albanian ICT laws, including data protection, cybersecurity, and intellectual property regulations.

	● Implement IT governance frameworks (e.g., ISO 38500) to align IT strategies with business goals and ensure compliance. ● Analyze and address cybersecurity risks in line with Albanian legal provisions and international standards. ● Solve real-world legal challenges in ICT through case studies and practical scenarios. ● Communicate legal and regulatory requirements effectively to both technical and non-technical stakeholders.

CORE CONCEPTS

1. **IT Governance Framework**: Principles of IT governance (e.g., ISO 38500) and their role in aligning IT with business strategies.
2. **Data Protection Laws**: Key concepts in data privacy, including GDPR and Albanian Law No. 9887 on Personal Data Protection.
3. **Cybersecurity and Cybercrime**: Legal provisions for addressing cyber threats, hacking, and unauthorized access under Albanian law.
4. **Intellectual Property in ICT**: Protection of software, databases, and digital content under Albanian copyright law (Law No. 9380).
5. **E-Governance and Electronic Communications**: Legal frameworks for e-documents, e-commerce, and state databases in Albania.
6. **IT Auditing and Compliance**: Principles of IT auditing, risk management, and ensuring compliance with ICT legislation.
7. **Electronic Signatures and Documents**: Legal validity and use of electronic signatures under Albanian Law No. 10273.

WEEK	SUBJECT TOPICS	Reference literature	Teaching method
I.	Overview of ICT Governance: Definition, importance, and key principles.		1 hour lecture
	IT Governance Frameworks: ISO 38500 and COBIT.		1 hour lecture
II.	Role of IT Governance in Organizations: Aligning IT with business strategies.		1 hour lecture
	Introduction to Albanian ICT Legislation: Overview of laws and regulations.		1 hour lecture
III.	International Standards in ICT: GDPR, Budapest Convention, and their influence on Albanian laws.		1 hour lecture
	Principles of Data Protection: GDPR and Albanian Law No. 9887.		1 hour lecture
IV.	Rights of Data Subjects: Access, rectification, and erasure of personal data.		1 hour lecture
	Obligations of Data Controllers and Processors: Compliance and accountability.		1 hour lecture
V.	Data Breach Notification: Legal requirements and procedures.		1 hour lecture
	Case Studies in Data Protection: Real-world examples and legal implications.		1 hour lecture
VI.	Overview of Cybersecurity Laws: Albanian Penal Code provisions.		1 hour lecture
	Cybercrime Offenses: Hacking, fraud, and unauthorized access.		1 hour lecture
VII.	International Cooperation on Cybersecurity: Budapest Convention.		1 hour lecture
	Cybersecurity Risk Management: Best practices and legal compliance.		1 hour lecture
VIII.	Case Studies in Cybercrime: Analysis of cybercrime cases in Albania.		1 hour lecture
	Copyright Law in Albania: Law No. 9380 on Copyright and Related Rights.		1 hour lecture

WEEK	SUBJECT TOPICS	Reference literature	Teaching method
IX.	Protection of Software and Databases: Legal frameworks and case studies.		1 hour lecture
	Intellectual Property Rights in the Digital Environment: Challenges and solutions.		1 hour lecture
X.	Licensing and Fair Use: Legal provisions for software and digital content.		1 hour lecture
	Case Studies in Intellectual Property: IP infringement and legal disputes.		1 hour lecture
XI.	Legal Framework for E-Governance: Law No. 10325 on State Databases.		1 hour lecture
	Electronic Signatures and Documents: Law No. 10273 and its applications.		1 hour lecture
XII.	Electronic Commerce: Law No. 10128 on E-Commerce and consumer protection.		1 hour lecture
	State Databases and Public Administration: Legal frameworks and challenges.		1 hour lecture
XIII.	Case Studies in E-Governance: Implementation of e-governance projects in Albania.		1 hour lecture
	Principles of IT Auditing: Objectives, processes, and best practices.		1 hour lecture
XIV.	Compliance with ICT Legislation: Ensuring adherence to Albanian laws.		1 hour lecture
	Risk Management in IT Systems: Identifying and mitigating risks.		1 hour lecture
XV.	IT Governance Audits: Case studies and practical applications.		1 hour lecture
	Final Project: Analysis of a real-world ICT legal case and presentation of findings.		1 hour lecture

ASSESSMENT METHODS

ATTENDANCE:

The lecture hours are mandatory at a rate of 75%.
The seminar hours are mandatory at a rate of 75%; in case of justified absences, the class will be rescheduled in agreement with the lecturer.
Otherwise, the student loses the right to take the exam. Absences are the student's responsibility, as are any missed assignments or tests.
If the student has not attended the course, the grade in the evaluation system will be M (absence). If the student has attended and fulfilled all the requirements related to the participation percentage in lectures, as well as in the laboratory/seminar/practice, but did not show up on the exam day, the grade in the evaluation system will be NP (did not appear).

CONTINUOUS ASSESSMENT

ASSESSMENT Type	*Time of ASSESSMENT*	*Topics covered*	*Maximum points*	*Evaluation Method*	*Test Content*
Midterm exam	Week 7-8	1-10	25 points	Written exam	Exercises on case study analysis
Final exam	End of the semester	11-30	60 points	Written exam	Exercises on case study analysis
Course Project *	Throughout Semester	-	15 points	Written analysis + oral presentation	

	*The course project focuses on **applying ICT legislation to solve real-world challenges** in areas like data protection, cybersecurity, or e-governance. Students will analyze a case study, identify legal issues, and develop a **compliance strategy** using Albanian laws and international standards (e.g., GDPR, ISO 38500).						
	The conversion of points into the final grade is as follows:						
	0-40 points	41- 50 points	51-60 points	61-70 points	71-80 points	81-90 points	91-100 points
	4	5	6	7	8	9	10

LITERATURE

Recommended Textbooks and Resources	1. "IT Governance: How Top Performers Manage IT Decision Rights for Superior Results" by Peter Weill and Jeanne Ross 2. "The Basics of IT Audit: Purposes, Processes, and Practical Information" by Stephen D. Gantz 3. "Albanian ICT Legislation Summary" (Hajro Legal, 2020) 4. "GDPR: General Data Protection Regulation (EU) 2016/679" by European Union 5. "Convention on Cybercrime (Budapest Convention)" by Council of Europe **Online Resources**: ● Hajro Legal - ICT Legislation Summary https://hajrolegal.al/wp-content/uploads/2021/04/Permbledhje-legjislacionit-per-Teknologjine-e-Informacionit-dhe-Komunikimit-Elektronik-2020.pdf ● Albanian Data Protection Authority (KMDP) https://kpmg.com/al/en/home/insights/2025/02/new-law-on--personal-data-protection-.html ● European Union GDPR Portal : https://gdpr-info.eu/

FINAL REMARKS FROM THE COURSE INSTRUCTOR

Regulations	Students are expected to uphold values and ethics that reflect professionalism, responsibility in the learning process, honesty, and social justice. They must respect individual differences, collaborate, appreciate their own and others' skills and qualities, and acknowledge different forms of expression. In accordance with ethical rules, students must respect ethnic differences and support individuals with disabilities.
Punctuality	Lateness to lectures and seminars will not be tolerated. Once the instructor has entered the classroom, no student is allowed to enter.
Student professional conduct	Students are considered adults and are expected to take responsibility for their behavior, goals, and academic interests. Certain rules must be followed: full attention during class, turning off mobile phones, no texting, no use of digital devices for entertainment (MP3 players, etc.), no gaming, no cosmetic items on desks, appropriate dress for class, and proper language and communication. Any deviation from these rules will result in penalties according to the regulations of the University and the Faculty of Technical and Natural Sciences.
Academic integrity and copyright	All tests and written assignments must be individual and original. Students must create their own abstractions and analyses based on lecture concepts and properly cite sources. Plagiarism and information theft will not be tolerated.

APPROVED
HEAD OF THE DEPARTMENT OF COMPUTER SCIENCES
Dr. ALEKTA HYSO