Syllabus
2025 - 2026

TECHNICAL SHEET OF THE SUBJECT

Data of the subject

Subject name	Optional Complementary: Legaltech Regtech
Subject code	E000011614
Involved programs	Máster Universitario en Administración de Empresas (MBA) [First year]
Level	Postgrado Oficial Master
Quarter	Anual
Credits	3,0 ECTS
Type	Optativa
Department	Área de Derecho Mercantil Departamento de Derecho Económico y Social
Coordinator	Rubio Velázquez, Raul (rrubio@comillas.edu)
Course overview	This program aims to provide a basic legal knowledge in the field of technology law to non-legal executives. Training in technology law will enable these professionals to identify regulatory and contractual risks and opportunities in the field of IT development, digital transformation, process design, device manufacturing and the creation of digital business models. Introduction to the fundamental legal concepts and their practical business implications needed to support and lead business technology and data decisions in the increasingly complex and dynamic digital economy. Exploration of the main public policy and legal frameworks that promote or constrain innovation, and the institutional and legal environment affecting technology-related decisions in organizations.

Teacher Information

Teacher

Name	Raúl Rubio Velázquez
Department	Centro de Innovación del Derecho (CID - ICADE)
EMail	rrubio@comillas.edu

SPECIFIC DATA OF THE SUBJECT

Contextualization of the subject

Contribution to the professional profile of the degree

Digital or technology-based businesses are increasingly influenced by regulation, especially at EU level. Failure to understand the key fundamentals or the red lines that mark this dispersed and complex regulation can lead to mistakes with a significant impact on the business. Technology, economics and regulation are more interconnected today than ever before.

This course will try to identify the most important practical aspects that a business manager must consider in relation to digital law and the legal and technological trends that are influencing this area:

Objectives:

- To develop the essential knowledge and methodologies that allow the student to integrate the legal vision with the rest of the aspects of the business.

- Identify some of the key mechanisms for the protection of innovation and intangible assets.
- Analyze of the evolution of the legal function in the context of digital transformation and the change in its relationship with the rest of the business areas.
- Assess the impact of technology on the creation of new business models in the legal services sector.

Competencies - Objectives

Competences

CG 1. Cognitive abilities of analysis and synthesis applied to business situations and organizational management issues.

RA 1. Describes, relates, and interprets theoretical and practical situations and approaches.

RA 2. Selects and analyzes the most significant elements and their relationships in different contexts.

RA 3. Identifies information gaps and the relevance of information, establishing relationships with external elements to the given situation.

CG 2. Information and data management as key elements for decision-making and for identifying, formulating, and solving business problems.

RA 1. Knows, uses, and discerns between different sources of information on the subject (market information, information distributors, websites, specialized journals, analyst reports, and others).

RA 2. Identifies the suitability of each source according to its intended purpose.

CG 8. Critical reasoning and argumentation consistent with the understanding and knowledge of business organizations, their external context, and their management and administration processes.

RA 1. Identifies, establishes, and contrasts hypotheses, variables, and results in a logical and critical manner.

RA 2. Reviews options and alternatives with critical reasoning that allows for discussion and argumentation of opposing opinions.

CG 9. Autonomous learning ability to continue developing cognitive skills and relevant applied knowledge for professional and business activity.

RA 1. Guides study and learning autonomously, developing initiative and setting priorities in their work.

THEMATIC BLOCKS AND CONTENTS

Contents - Thematic Blocks

Tematic Blocks

General framework of technology law

1. Relationship between law and technology
2. Different regulatory models at the international level
3. Regulatory trends and their potential impact on business

Transformation of the legal function within organizations

1. Role of legal counsel within the organization, in the marketplace and with regulators
2. The digital transformation of legal areas
3. Use of IT resources. Legaltech and Regtech

Data as an asset (i)

1. Ways of classifying data and their legal impact.
2. Data value chain
3. Who is the owner?

Data as an asset (ii)

1. Which regulations have the greatest impact?
2. What are the key privacy issues?
3. Data monetization Models

Legal considerations for new business models

1. Platform and sharing economy
2. ecommerce
3. Everything as a Service
4. Web3 and decentralized models

Corporate structure and transactions

1. Partner agreements, MOUs and NDAs
2. Legal issues linked to investment: seed/venture capital, financing rounds, ...
3. Incubators, accelerators and innovation investment models.
4. Stock options, phantom shares and other forms of talent retention and attraction.

The challenge of cybersecurity

1. Types of risks and their legal perspective
2. The impact of regulation
3. Legal and policy measures.
4. Management of security breaches
5. Legality of ethical hacking.
6. Legal framework for investigation, cyber-intelligence services and counter-attack measures

Artificial Intelligence and robotics

1. AI and robotics regulation
2. Biases and transparency
3. Ethics and regulation
4. Drones
5. Autonomous vehicles

IT contracting

1. Types of development, project planning and associated contracts (waterfall, agile, PRINCE, ...)
2. Types of licences. Advantages and disadvantages (IaaS, PaaS, SaaS, on premise, ...).
3. Infrastructure contracts: colocation agreements, data centres, connectivity, ...
4. Consultancy contracts, integration, turnkey, ...

Digital identity and authentication

1. Digital evidence
2. Digital trust services. E-Signature, timestamping, e-seals, ...
3. Use of trust services and market impact
4. Evolution towards the concept of digital wallet

eCommerce regulation

1. EU Directive 2000/31/EC
2. P2B regulation
3. Online consumers
4. Geoblocking and cross-border parcel
5. Digital Services Act

Legal protection of intangible assets (i)

1. Intellectual property and copyright
2. Legal protection for software
3. Databases

Legal protection of intangible assets (ii)

1. Patents
2. Trade secrets
3. Trademarks
4. Technology transfer agreements

Disruptive technologies and its legal impact

1. Blockchain, Cryptocurrencies and NFTs
2. Metaverse
3. IoT
4. Edge computing
5. Headless Tech

TEACHING METHODOLOGY

General methodological aspects of the subject

The course will be taught through:

- Lectures, in which the professor will present the content, with audiovisual methods, and will promote a debate on the concepts discussed.
- Case-study sessions, in which cases will be analyzed by students working in groups or individually. This sessions will imply the study of specific cases, research, analysis of questions posed by the professor and presentation and debate of proposals.

Level of AI use in the subject: Level 5 - Creative and integrated use.

Using AI to create complete works or relevant parts thereof without citing the source or tool, or without express permission in the job description, constitutes plagiarism and is subject to the University's General Regulations.

Non-Presential Methodology: Activities

Students must supplement basic theoretical knowledge acquired in class with readings suggested by professors, as well as conduct research for some of the scheduled activities.

SUMMARY STUDENT WORKING HOURS

Expository lessons	Analysis and resolution of cases and exercises, individually or collectively.
15.00	15.00

Classroom hours

Individual study and organised reading	Collaborative learning
35.00	10.00

Non-presential hours

EVALUATION AND CRITERIA

Evaluation activities	Evaluation criteria	Weight
Final individual exam	Individual evaluation	50%
In class assignments and group project (written & oral presentation)	Individual and group evaluation	30%

Individual active participation in class discussion.	Individual evaluation	20%

Ratings

Students will have **two opportunities to pass the course**: one during the teaching period and another during the exam period that will take place in July 2022.

In order to pass the course during the teaching period,a minimum grade of "5" is required on each of the assessment activities described above.

Those students who have not passed the course in the first evaluation period will have **to repeat the exam on the July re-sitsummon**. Grades obtained by the studenton the rest of assessment activities – with its associated weights- will be maintained on this second evaluation.

Students with a waiver for class attendance will be graded based on the final exam

WORK PLAN AND SCHEDULE

Activities	Date of realization	Delivery date
Final Project: Group Written report	Session 3 to 13	Session 13
Final individual exam	Session 15	Session 15

BIBLIOGRAPHY AND RESOURCES

Basic Bibliography

- Tatiana-Eleni Synodinou, Philippe Jougleux, Christiana Markou (2021). EU Internet Law in the Digital Single Market. Ed Springer
- Andrew Murray (2019). Information Technology Law: The Law and Society. Ed Oxford
- Benkamin Farrand (2018). Law Express: Intellectual Property. Ed. Pearson