

PLE5031: LAW AND TECHNOLOGY

Effective Term

Semester B 2025/26

Part I Course Overview

Course Title

Law and Technology

Subject Code

PLE - Professional Legal Education

Course Number

5031

Academic Unit

School of Law (FL)

College/School

School of Law (FL)

Course Duration

One Semester

Credit Units

2

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

Technology, business and law are often taught as distinct disciplines, but in the "real world" moving at 5G speed where "data is the new gold" and disruptive technologies and start-ups are making a paradigm shift and testing the limit of existing laws

and regulations, clients and employers are looking to hire and grow with future lawyers who can master these intertwined disciplines to deliver cost-effective and forward-looking creative legal solutions.

This course equips law students with a robust foundation in digital literacy, computational thinking, and the mechanics of large language models (LLMs). It introduces the evolution of digital courts and legal business models, coupled with practical insights into no-code automation and “citizen development”. Emphasising hands-on learning, the curriculum prepares students to utilize prompt engineering and advanced AI systems to stay ahead in a rapidly evolving profession. By fostering skills in navigating AI ethics, algorithmic bias, and regulatory governance, this course aims to make students adapt at leading change. The objective is to prepare future legal professionals who are not only adapt at leveraging cloud technologies and generative AI but are also pioneers in ethical safety and data privacy, ensuring their relevance and leadership in a rapidly evolving legal landscape.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if DEC-A1 DEC-A2 DEC-A3 app.)			
1	Describe and explain the basic concepts and principles related to the given seminar			x	
2	Apply the concepts and principles to solve hypothetical or real situations			x	x
3	Communicate ideas, arguments or advice clearly and coherently both orally and in writing		x	x	x
4	Critically analyse and evaluate concepts, principles and policy underpinning the area of law covered by the seminar		x	x	x

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	-	Lectures or interactive seminars – students will acquire basic knowledge of the relevant concept and principles, including by asking or responding to questions	1	

2	-	Group discussions/ exercises – students will get an opportunity to apply law or legal principles to practical situations; and will apply their understanding of legal concepts and principles to solve hypothetical situations	2	
3	-	Oral presentations and/ or written submissions; Consultations	3	
4	-	Lectures or interactive seminars – students will develop critical analytical abilities by observing and participating in discussions; Guided reflective pre/post-class reading	4	

Additional Information for LTAs

A range of TLAs are likely to be employed to achieve CILOs prescribed for a seminar. The combination and duration of the TLAs will be determined as per the needs of a particular seminar, which might in a given case be taught - wholly or in part - through video-conferencing facilities. Nevertheless, below is an indicative list of TLAs.

Continuous Assessment (%)

0

Examination (%)

100

Examination Duration (Hours)

3

Minimum Continuous Assessment Passing Requirement (%)

0

Minimum Examination Passing Requirement (%)

50

Additional Information for ATs

Assessment: CILO No. 1,2,3,4.

The use of Generative AI tools is not allowed.

Assessment Rubrics (AR)

Assessment Task

Examination at the end of the semester.

Criterion

To pass this course students must obtain an aggregate mark of 50.

Excellent

(A+, A, A-) Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base.

Good

(B+, B, B-) Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.

Fair

(C+, C, C-*) Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material.

Marginal

(D*)

Failure

(F) Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.

Additional Information for AR

* Note: The University's grades C- and D are not used in the PCLL.

In view of the specific nature of the course students should meet an attendance of 70% or above.

Part III Other Information

Keyword Syllabus

- Introduction to developments, Foundations of digital literacy
- Real world applications of innovative techniques in legal system (contracts, risks, prevention, ethical and legal issues) and deployment of artificial intelligence, from automation to large language models (LLMs)
- Dispute resolution mechanisms: Digital Courts and Smart Courts
- Advanced AI systems: Retrieval Augmented Generator (RAG), autonomous AI agents
- Law x technology: legal issues and response from the legal community; Important skills of a tech lawyer - thinking in a cross-disciplinary way
- Ethics, bias, and the limits in AI in Law, including social, ethical, and philosophical considerations on the implication of AI on legal practice
- Cybersecurity, data privacy and data breach, AI Regulation, Governance and accountability

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil