國立台灣科技大學 114學年 第2學期　課程大綱

Spring 2026 NTUST Course Outline

授課教師：陳怡婷

Instructor:CHEN, I-Ting

課程名稱：永續發展與智慧財產權

Course Title：Intellectual Property and Sustainable Development

2026/11/4

課程代號： IB2052701 Course Code 學分數： 3 Credits	必選修：選修/半學年 Required/Electve:Elective/Half Yr. 先修課程： Prerequisites
節次教室： Time/Location	F6(TR-833) F7(TR-833) F8(TR-833)
專業核心能力： Core Professional Competencies	□具運用國際智財權法制之能力 □具運用專利申請與救濟法規之能力 □具規劃及完備管理智財權之能力
課程網址： Course Website	
課程宗旨： Course Objectives	探討智慧財產權制度（專利、商標、著作權等）在實現聯合國永續發展目標（SDGs）過程中的核心作用、法律衝突與政策解方。
課程大綱： Outline of Lectures	

導論：IP與永續發展的交集
IP 的社會契約與法律基礎
國際組織與永續 IP 政策
經濟誘因與公共利益平衡
綠色專利與加速審查制度
品牌永續與反漂綠法制
循環經濟與設計保護
台灣綠色科技專利與政策趨勢
資料治理、數位市場與公平競爭
文化永續與傳統知識保護
原住民族智慧創作權與案例分析
公共採購、永續創新與 IP 條款
IP 與 ESG 報告實務
永續創新實作IP 策略設計
期末報告 This course explores the intersection between intellectual property (IP) and sustainable development, examining how legal mechanisms for protecting innovation can align with social responsibility, environmental sustainability, and global equity. It begins with an introduction to the social contract and legal foundations of IP, highlighting its role in balancing private rights and public interests. Students will study the policies of key international organizations (WIPO, WTO, EU, UN) promoting sustainable IP systems and analyze how economic incentives can be designed to encourage green innovation without undermining access and fairness.

Topics include green patents and fast-track examination systems, brand sustainability and anti-greenwashing regulations, and the protection of eco-designs within a circular economy framework. The course also examines Taiwan’s evolving green technology patent and policy trends, along with issues of data governance, digital markets, and fair competition. Special emphasis is placed on cultural sustainability, the protection of traditional knowledge, and indigenous intellectual creations through case studies.

Students will further explore IP provisions in public procurement and the integration of IP considerations into ESG (Environmental, Social, and Governance) reporting. The semester culminates in a Sustainable Innovation IP Strategy Project, where students design practical IP strategies that promote responsible and inclusive innovation.

授課方式：
Method of Instruction

講授 Lecture：0%

分組討論 Group discussion：0%

案例研討 Case study：0%

操做練習 Practical exercises：0%

講授 Lecture：%

教科書：
Textbooks

參考書目：
References

修課須知：
Notice

評量方式：
Grading

備註說明：
Notes