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：陳思妤

Instructor:Szu-Yu Chen

課程名稱：ESG與永續金融

Course Title：ESG and Sustainable Finance

2026/11/3

課程代號： FN5117701 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： F2(IB-609) F3(IB-609) F4(IB-609) Time/Location	
專業核心能力： Core Professional Competencies	解決問題之能力(Problem Solving) 管理專業知識(Comprehensive management knowledge) 良好溝通表達之能力：口說溝通能力(Oral communication skills); 書寫溝通能力(Written Communication Skills)
課程網址： Course Website	
課程宗旨： Course Objectives	This course provides an exploration of ESG and sustainable finance within the contemporary landscape. As businesses and financial markets face increasing pressure to address sustainability issues, sustainable finance, including its related models and financial products, is the solution the financial industry provides to enable its customers and stakeholders to take ESG/sustainable actions. From global trends in climate and nature reporting frameworks to the discourse on climate change risks and opportunities, this course provides an in-depth understanding of sustainable investment and risk management. It will also introduce sustainable financial products and services in the financial industry. Students will examine the challenges and opportunities associated with integrating sustainability into financial decision-making and gain insights into the evolving landscape of sustainable finance.
課程大綱： Outline of Lectures	The primary aim of this course is to equip students with the knowledge and skills to navigate the complexities of sustainable finance. By the end of the course, students should be able to understand the investment risks and opportunities in sustainable finance and create and communicate coherent arguments about the financial policies and practices to mitigate the impact of climate change. Topics include: 1. Introduction to ESG and Sustainable Finance 2. ESG ecosystem 3. ESG scoring and rating 4. Impact of ESG investing on asset prices and portfolio returns 5. Sustainable financial products- ESG mutual funds, Green/Blue bonds 6. Impact investing and biodiversity risk 7. Active ownership and ESG voting 8. Climate change and economic models 9. Climate risk measures- Carbon emission 10. Transition risk- Carbon pricing and markets
授課方式： Method of Instruction	講授 Lecture：50% 分組討論 Group discussion：20% 案例研討 Case study：20%

	操做練習 Practical exercises：10% 講授 Lecture：%
教科書： Textbooks	Teaching materials are provided on Moodle.
參考書目： References	Teaching materials are provided on Moodle.
修課須知： Notice	As the first class coincides with a national holiday, please feel free to email me at szuyuchen@gapps.ntust.edu.tw if you have any questions regarding this course.
評量方式： Grading	Individual assignment (40%), Group assignment and presentation (40%), Attendance & participation (20%)
備註說明： Notes	Pre-requisites: 1. Corporate Finance 2. Statistics/Econometrics