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：蔡欣君

Instructor:Lucky Tsaih

課程名稱：建築創新

Course Title：Architectural Innovation

2026/11/3

課程代號： AD5613701 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	T6(TR-613) T7(TR-613) T8(TR-613)
專業核心能力： Core Professional Competencies	
課程網址： Course Website	https://moodle2.ntust.edu.tw/
課程宗旨： Course Objectives	This seminar-style course will deepen students' understanding of current and emerging architectural innovations, focusing on cutting-edge technologies, sustainable practices, and novel design methodologies. Students will critically analyze and discuss contemporary trends shaping the future of architecture, explore the integration of advanced technologies with design, investigate sustainable practices, and conduct research on significant architectural case studies. The course emphasizes both theoretical exploration and practical application, preparing students to engage with and contribute to the evolving field of architectural innovation.
課程大綱： Outline of Lectures	In this seminar-style course, students will engage in research papers, case study analyses, and design projects to deepen their understanding of architectural innovation. They will explore emerging trends, technologies, and sustainable practices through critical analysis and practical application. Active participation in seminar discussions is required to debate contemporary issues and present innovative ideas. Collaborative group projects will further enhance their skills in applying theoretical knowledge to real-world design challenges, preparing them to effectively contribute to the evolving field of architecture.
授課方式： Method of Instruction	講授 Lecture：25% 分組討論 Group discussion：25% 案例研討 Case study：25% 操做練習 Practical exercises：25% 講授 Lecture：%
教科書： Textbooks	Course handouts/slides.
參考書目： References	Course handouts/slides.
修課須知： Notice	N/A

評量方式： Grading	Student grades will be based on the following components: Presentations: 50% Design Project: 25% Discussion and Participation: 25% Total: 100%
備註說明： Notes	Be open minded about using AI tools for this course.