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：

Instructor:

課程名稱：工業工程實務專題（下）

Course Title：Industrial Engineering Capstone Project (II)

2026/11/3

課程代號： IM311B099 Course Code 學分數： 2 Credits	必選修：必修/全學年 Required/Electve:Required/Full Yr. 先修課程： Prerequisites
節次教室： Time/Location	
專業核心能力： Core Professional Competencies	具備解決工業工程與管理問題之能力 管理專業知識(Comprehensive management knowledge) 研究商管議題之能力(Research capability in practical business discipline) 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) 創新與創業能力(Innovation and Entrepreneurship)
課程網址： Course Website	
課程宗旨： Course Objectives	This course will help the student integrate what he/she has learned in undergraduate courses to solve a real world problem. On the way, the student will spend one year to make the research topic, data collection, data analytics, case study, writing, and presentation. Besides solving a particular problem, the student will also acquire many skills including communication, professional industrial management, and capability of problem solving. This experience will enhance the skills of report writing, documentation and presentation. Finally, the result of project can be useful for applying a job or graduate program study.
課程大綱： Outline of Lectures	學生須選定專題指導教授，並與指導教授討論研究主題、資料蒐集、資料分析、個案分析、撰寫內容與發表等。學生將於學期末完成專題報告，並由系上教授評選。
授課方式： Method of Instruction	講授 Lecture：% 分組討論 Group discussion：% 案例研討 Case study：% 操做練習 Practical exercises：% 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