Please consult Intellectual Property Rights before making a photocopy. Please use the textbook of copyrighted edition.

## ②國玄東華大學

# 教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	企業實習				學年/學期 Academic Year/Se	113/2	
課程名稱(英文) Course Name in English	Field Practice						
科目代碼 Course Code	MS_41180	系級 Department 學四 & Year		開課單位 Course-Offering Department	材料科學與工程學系		
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)		3.0/			
授課教師 Instructor	/傅彥培						
先修課程 Prerequisite							
and de lates to the control of the c							

#### 課程描述 Course Description

- 1. 於前一學期通過企業面試,確定實習單位後,由課務單位統一排課。
- 2. 輔導學生與實習單位認識,進行學期實習。
- 3. 期中、期末檢視。
- 4. 實習成果報告。

### 課程目標 Course Objectives

希望藉由至校外實習,使學生能順利接軌至企業,並能從中學習團隊合作與實務能力,強化自身競爭力。 Through the off-campus internship, students will be able to connect smoothly with companies, learn teamwork and practical skills, and strengthen their competitiveness.

	系專業能力 Basic Learning Outcomes	課程目標與系專業能 力相關性 Correlation between Course Objectives and Dept.'s Education Objectives
A	具備材料科學所需的物理、化學及數學的知識。Acquire required basic physical, chemical, and mathematic knowledge for materials science and engineering.	•
В	具備材料科學的專業知識,並能應用於解決工程上之問題。Acquire required professional knowledge for materials science and engineering, applicable in solving engineering problems.	•
С	具備邏輯思考、實驗執行、報告撰寫與數據解釋之能力。Equipped with capabilities of logic thinking, execution of experiment, and data interpretation.	0
D	具備專業道德及責任感,與良好的溝通及團隊合作的能力。Acquire professional morality and responsibility, and capability of quality communication and team cooperation	•
Е	具備適當的英文能力,應用於學習與交流。Acquire English capability used for learning and interaction.	0

圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated

### 授課進度表 Teaching Schedule & Content

週次Week	內容 Subject/Topics	備註Remarks
1	企業實習	
2	企業實習	
3	企業實習	
4	企業實習	
5	企業實習	

6	企業實習						
7	企業實習						
8	企業實習						
9	期中考試週 Midterm Exam						
10	企業實習						
11	企業實習						
12	企業實習						
13	企業實習						
14	企業實習						
15	企業實習						
16	企業實習						
17	企業實習						
18	期末考試週 Final Exam						
	教 學 策 略 Teaching Strategies						
課堂講	授 Lecture	Field Trip					
其他Mis	scellaneous:						
	教學創新自評Teaching Self-Evaluation						
創新教學(	Innovative Teaching)						
問題導	向學習(PBL) 團體合作學習(TBL) 解決導向學	보谐(SBL)					
翻轉教室 Flipped Classroom							
社會責任(	Social Responsibility)						
在地實踐Community Practice     產學合作 Industy-Academia Cooperation							
跨域合作(	Transdisciplinary Projects)						
	學Transdisciplinary Teaching     跨院系教學Inter-collegiate Teaching						
業師合為	授 Courses Co-taught with Industry Practitioners						
其它 othe	r: 						

學期成績計算及多元評量方式 Grading & Assessments									
配分項目	2分項目 配分比例 多元評量方式 Assessments								
Items	Percentage	測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	70%		~						
期中考成績 Midterm Exam	15%			~					
期末考成績 Final Exam	15%			~					
作業成績 Homework and/or Assignments									
其他 Miscellaneous									

評量方式補充說明

Grading & Assessments Supplemental instructions

教科書與參考書目(書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

課程教材網址(含線上教學資訊,教師個人網址請列位於本校內之網址)
Teaching Aids & Teacher's Website(Including online teaching information.
Personal website can be listed here.)

其他補充說明(Supplemental instructions)