



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	倉儲規劃與營運系統		學年/學期 Academic Year/Semester	114/2
課程名稱(英文) Course Name in English	Warehouse Planning and Operations Systems			
科目代碼 Course Code	GSLM52700	系級 Department & Year	學四	開課單位 Course-Offering Department 企業管理學系
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)	3.0/3.0	
授課教師 Instructor	/陳怡君			
先修課程 Prerequisite				
課程描述 Course Description				
<p>Modern warehouses have been turned from passive stock-keepers to active distributors and value generators on supply chains. This course will introduce to students the different roles of warehouses, and methods to benchmark and analyze them. Students are expected to spend time on searching information and giving presentations.</p> <p>The contents of the course are summarized below. Note that the two terms warehouse and distribution center are used as if they are interchangeable.</p> <ul style="list-style-type: none"> • functionalities of warehouses • material handling equipment in warehouses • case studies on successive world-class warehouses • the design, benchmarking, and management of warehouses • the effect of modern technologies such as IOT, big data, automation on warehouses 				
課程目標 Course Objectives				
討論倉庫佈置與規劃如何因應不同物料之作業環境需求，以達到並符合效率化以及支持現代管理策略之發展。				
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	具備企業管理理論體系的基礎知識 With core knowledge of theories related to business management			●
B	具備邏輯思考、問題分析與問題解決的能力 With capabilities of logical thinking, issue analyzing, and problem solving			○
C	具備領導、溝通協調與團隊合作的能力 With capabilities of leading, communicating, coordinating, and collaborating in teams			
D	具備國際視野以及外語溝通的能力 With international perspectives and communication capabilities in foreign language			
E	善用資訊科技進行資訊蒐集、資料分析與統整 With capabilities of data collecting, data analyzing and summarizing using IT applications			○
F	能夠從事企業經營方案和管理制度的設計與評估 With capabilities of designing and evaluating business plans and management-related systems			●
G	對於企業倫理及專業倫理有正確的認知與堅持 With appropriate perception and persistence towards business ethics			
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	Introduction	
2	Types of warehouses by cargo size	
3	Amazon and Walmart	
4	Containerization and container terminals	
5	Air Cargo Terminals	
6	Managing a warehouse	
7	Holiday	
8	Distribution Centers	
9	期中報告 Midterm Presentation	
10	Warehouse Activity Profiling / Warehouse Performance	
11	Auto-detection and auto-recognition	
12	Internet of Things	
13	Big data and trends in logistics	
14	Automation and robotics	
15	Order picking	
16	Warehouse layout	
17	期末報告 Final Presentation	
18	The 18th week for alternative curriculum	

教學策略 Teaching Strategies

- 課堂講授 Lecture
 分組討論 Group Discussion
 參觀實習 Field Trip
 其他 Miscellaneous:

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)
 解決導向學習(SBL)

- 翻轉教室 Flipped Classroom
 磨課師 Moocs

社會責任(Social Responsibility)

- 在地實踐 Community Practice
 產學合作 Industry-Academia Cooperation

跨域合作(Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching
 跨院系教學 Inter-collegiate Teaching

- 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		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(含出缺席) General Performance (Attendance Record)									
期中考成績 Midterm Exam									
期末考成績 Final Exam									
作業成績 Homework and/or Assignments									
其他 Miscellaneous (_____)									

評量方式補充說明

Grading & Assessments Supplemental instructions

Class Participation	15%
Assignments	10%
Midterm Presentation	25%
Final Presentation	30%
Written Project Report	20%

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)