Course Flow Chart for 2023 Fall and 2024 Spring Semester

Academic Year: 112 (Aug 2023~ Jul 2024)

Department: Department of Industrial Engineering and Management

Academic Degree: Master of Science (MS in Industrial Engineering and Management)

(112.3.15 111 學年度第二次系課程會議通過 Approved by the Second Department Curriculum Committee on Mar 2nd,2023)

學分組合:講授時數-實習時數-學分數 Credit Format: Lecture Hours - Internship Hours - Total Credits

Fall Semester Spring Semester Fall Semester Spring Semester	W 33 k F: .		ht. 63 k c	
事業必得(計 11 季分) Department Required Courses (11 credits)				
# 大方 次				Spring Semester
Technical Writing and Research Discussion 3-0-3	專業必修(計 11 學分) Departm	ent Required Courses (11 credi	ts)	
Research Method 3-0-3 3	研究方法		碩士論文	碩士論文
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工業工程與管理機論 Introduction to Industrial Engineering and Management 3-0-3		-		3-0-3
Introduction to industrial Engineering and Management (1) 3-0-3 *基礎享養權		ective courses. (at least 27 crec		工类工程的答理重期(一)
Engineering and Management (II) 3-0-3 3-				
3-0-3 3-				
基礎事業課程 Courses for Professional Skills 機性規劃				
作業研究學程 様性規劃 Linear Programming 3-0-3 系統模談 为東東語論 System Simulation 3-0-3 系統模談 为東東語論 Operations Research 3-0-3 本		基礎專業課程 Courses		
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物流管理 Logistics management 3-0-3 全球供應鏈管理 Global Supply Chain Management 3-0-3

全球運輸規劃 Global Transportation Planning 3-0-3

供應鏈模式分析 Supply Chain Model and Analysis 3-0-3 進階產業實務實習(一) Advanced Industry Internship (I) 0-6-3

進階產業實務實習(二) Advanced Industrial Internship (II) 0-6-3

暑期進階產業實務實習(一) Summer Advanced Industry Internship(I) 0-4-2

暑期進階產業實務實習(二) Summer Advanced Industry Internship(Ⅱ) 0-4-2

暑期進階海外產業實務實習(一) Summer Overseas Advanced Industry Internship(I) 0-4-2 暑期進階海外產業實務實習(二) Summer Overseas Advanced

Industry Internship(Ⅱ) 0-4-2 存貨理論 Inventory Theory 3-0-3

健康產業管理領域

醫院管理工程 Hospital Management Engineering 3-0-3 醫務品質管理 Health Care Quality Management 3-0-3 醫療資訊系統 Introduction of Medical System

3-0-3

電腦輔助檢測與診斷 Computer Aided Detection and Diagnosis 3-0-3

The minimum graduation credits required for graduate students are 38 credits, including 6 credits of master's thesis. 本系碩士班最低畢業學分數為 38 學分(含論文 6 學分)