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## ②国立東華大學 教學計劃表 Syllabus

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	名稱(中文) me in Chinese	生產與作業管理	1		學年/學期 Academic Year/Ser	113/1				
	7稱(英文) ne in English Production and Operations Management									
	日代碼 rse Code	系級 BM_M0200系級 Department & Year開課單位 Course-Offerin Department				· 企業管理學系				
	修別 Type	必修 Required	3	3.0/3.0						
	と課教師 structor	/黄郁文	黄郁文							
先修課程 Prerequisite										
課程描述 Course Description										
assurance, product/service design, facility layout, operations processes, material and time allocation, and considers the strategic, tactic, and operations activities of transforming resources into value-added outputs. The issue of competitiveness is addressed with a global perspective. The course also covers analytical methods that are useful in enhancing the management of a firm's operations.										
		課	程目標 Cour	se Object	tives					
					ots, analytic method and/or service ope					
圖示說明I	llustration :	● 高度相關 Hi	ghly correla	ated O	中度相關 Moderatel	y corre	lated			
		授課進	度 表 Teaching	g Schedul	le & Content					
週次Week	內容 Subject/Topics 備註Remarks									
1	Operations and Productivity (Ch 1)/The Global Environment and Operations Strategy (Ch 2)									
2	No class									
3	Project Management (Ch 3)/ Forecasting Demand (Ch 4)									
4	Managing Quality (Ch 6); Statistical Process Control (Supplement 6)									
5	Process Design (Ch 7); Capacity and Constraint Management (Supplement 7)									
6	Location Strategies (Ch 8); Layout Strategies (Ch 9)									
7	Rescheduled The schedule of all the class meetings is 2:10~3:30 and 3:40~5:00; the duration of each meeting (15 of them including two exams) is 160 mins instead of 150 mins (as normal).									
8	Human Resources, Job Design and Work Measurement (Ch 10)									
9	Midterm Exam	Midterm Exam								
10	Supply Chain Management (Ch 11); Supply Chain Management Analytics (Supplement 11)									

11	Managing Inventory_1 (Ch 12)						
12	Managing Inventory_2 (Ch 12)						
13	Aggregate Scheduling and S&OP (Ch 13)						
14	Material Requirements Planning and ERP (Ch 14)						
15	Scheduling for the Short Term (Ch 15)						
16	Lean Operations (Ch 16)						
17	Final Exam						
18							
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Mi	L其他Miscellaneous: <u>Case Studies</u>						
教學創新自評 Teaching Self-Evaluation 創新教學(Innovative Teaching)							
▶ 問題導向學習(PBL)							
✓ 附起导码子目(IDL) ✓ 配盘日序手目(IDL) ● 配盘日序手目(IDL) ● 配盘日序手目(IDL) ● 配盘日序手目(IDL) ● 配盘日序手目(IDL) ● 配盘日序手目(IDL)							
社會責任(Social Responsibility)							
「在地實踐Community Practice 」 産學合作 Industy-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	配分比例 Percentage	多元評量方式 Assessments							
Items		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									
期中考成績 Midterm Exam	20%	~							
期末考成績 Final Exam	20%	~							
作業成績 Homework and/or Assignments	25%						~		
其他 Miscellaneous (Cases)	35%			~	~		~		
評量方式補充說明									
Grading & Assessments Supplemental instructions The course will be in a mixed lecture-discussion orientation led by the instructor. All the course materials including homework assignments, case arrangements and announcements will be released through NDHU students' email accounts. Exams: Midterm and Final Homework Assignments: Students should submit individual work (hard copy) toward the assignments unless otherwise specified. Assignment will be announced one week before the due date or earlier. Cases: The material of the cases will be based on, but not limited to, the textbook. Each student will be randomly designated as the presenter of an assigned case. Each assigned case is required to have a 10-15 minute in-class presentation; other students will be the discussants. As a discussant, each student should prepare your individual report within 2 pages. Students need to email your case/discussant' s report to the instructor one day before the case is going to be discussed in the class. Take Case 1 as an example: The due date for the case/discussants' report of Case#1 is 2024/10/07 (before 11pm). The file name of your discussant' s report has to be saved as "student ID_student name_Case#1" in a format of PDF. Case preparation: Student is to extend the case to include relevant industry/company information for updated discussion. Quality of case report is assessed based on the analysis of the case itself (1/2) and the extended material (1/2). Late assignments/cases will be accepted with only partial credits.									
Textbook & Oth	教科書與參考 ner Reference							ks, etc.	)
Text: Operations Management, Heizer, Render and Munson, 13th ed., 2020, Pearson. References: Operations Management, Stevenson, 14th ed., 2020, McGraw Hill. Operations and Supply Chain Management, Jacobs and Chase, 15th ed., 2018, McGraw Hill. 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)									
Office hours: Monday and Tuesday 10:00-11:00 am or by appointment Room: C318; Ext: 3021; Email: hjw									