



實踐大學——三學年度第二學期 教學計畫表

Course Syllabus, Academic Year 2024-2025(2nd Semester)

(實際授課內容及成績評定，以教師上課時規定為準。)

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科目名稱 Course Title	管理資訊系統 Management Information Systems			課程代號 Course No.	ESSM-111-01-A1
開課系級 Department	智慧服務管理英語學 士學位學程一年甲班 A-ESSM-1A	學分數 Credit(s)	3	時數 Hour(s)	3
選別 Required or Elective	4-系必	開課別 Duration	半年 第一學期 Required,1st Semester		
授課教師 Instructor	比利夏、鍾瑞益				
缺曠課規定 Attendance Policy	缺曠課時數 (含事 / 病假) 達授課總時數三分之一 (18 小時) 以上者，學期成績以零分計。 Student will receive a semester grade of zero for a course if absences from class exceed one third (18 hrs) of total class hours.				
課程概要 Course Description	This course introduces specific management information systems (MIS) for the Hospitality and Tourism industry to students from managerial and strategic perspectives. MIS helps collect, analyze, manage the data from different stakeholders during the business operation and improve its management more efficiently. This course introduces specific management information systems (MIS) for the Hospitality and Tourism industry to students from managerial and strategic perspectives. MIS helps collect, analyze, manage the data from different stakeholders during the business operation and improve its management more efficiently.				
基本核心能力/系核心能力 Core Competency	核心能力	核心能力說明			
	智慧科技應用	1-1具備智慧科技運用、資訊蒐集的能力。 1-2了解智慧科技及時代的趨勢，並運用科技解決問題。			
	溝通力	2-1 能理性發表自身想法，並進行有效溝通。			
	領導力	3-1 具有主動積極、團隊合作的態度。 3-2 具有領導團隊，協調配合，整合意見的能力。			
	跨領域整合能力	4-1具有不同領域之資訊及知識的應用整合能力。			
	創造力與創新力	5-1具備創新應變、解決問題的能力。 5-2具備敏銳的觀察力，激發創意思考並勇於嘗試。			
	『註：該課程之核心能力以紅色表示。』				
教學目標 Course Objectives	The key objective of the course is to make the students familiar with the Data interpretation required for Information retrieval.				
授課方式 Approach to Instruction	Lecturing, Discussion, Communication, CDIO (Conceive-Design-Implement-Operate) teaching method				
課程授課語言 Course language	英語				
是否自編教材 Whether self-edited textbooks	是				
成績評定 Grading	◎平時評量 20%：Class Attendance ◎期中評量 30%：Mid-Term Exam ◎期末評量 30%：Final Exam ◎其他評量 20%：Class Participation				

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教科書與參考書目 Textbooks and References		The instructor will provide teaching materials and instruct for further progress.
聯絡方式 Contact Info		bdutta67@g2.usc.edu.tw
備註 Remark		Bireswar Dutta; bdutta67@g2.usc.edu.tw The Google Meet link will be provided later if the course is shifted to online. This course only implements the CD and the preliminary stage of I phases of CDIO framework.
週次 Weeks		進度內容 Syllabus
1	(02/16~02/22)	Introduction to Management Information System Python (CDIO teaching model-Conceive phase)
2	(02/23~03/01)	Data Information Python (While Loop) (CDIO teaching model-Conceive phase)
3	(03/02~03/08)	Information for Decision Making Python (Loop) (CDIO teaching model-Conceive phase)
4	(03/09~03/15)	Computer Hardware for Information System Python (While Loop) (CDIO teaching model-Conceive phase)
5	(03/16~03/22)	Computer Software for Information System Python (For Loop) (CDIO teaching model-Conceive phase)
6	(03/23~03/29)	Data Communication System Python (For Loop) (CDIO teaching model-Conceive phase)
7	(03/30~04/05)	Database Management Technology Python (For Loop) (CDIO teaching model-Conceive phase)
8	(04/06~04/12)	Client-Server Computing Break Continue Pass in Python (CDIO teaching model-Conceive phase)
9	(04/13~04/19)	Mid-Term Exam
10	(04/20~04/26)	Decision Support System Array in Python (CDIO teaching model-Design phase)
11	(04/27~05/03)	Office Information System Array in Python (CDIO teaching model-Design phase)
12	(05/04~05/10)	Information System in Hospitality Management Array in Python Creating Arrays in Numpy (CDIO teaching model-Design phase)

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13	(05/11~05/17)	Systems Analysis and Design Functions in Python (CDIO teaching model-Design phase)
14	(05/18~05/24)	Strategic Management Information System Functions in Python Function Arguments (CDIO teaching model-Design phase)
15	(05/25~05/31)	Information Resources Management Modules Inner class (CDIO teaching model-Design phase)
16	(06/01~06/07)	Supply Chain Management Modules Inner class Inheritance Exception Handling (CDIO teaching model-Design phase)
17	(06/08~06/14)	Model Building Modules Inner class Inheritance Exception Handling File handling Sorting Searching (CDIO teaching model-Design phase)
18	(06/15~06/21)	Final Exam
19	(06/22~06/30)	

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