

南台科技大學 102 學年度第 1 學期課程資訊

課程名稱	RFID 與物流中心營運管理
課程編碼	D0D18602
系所代碼	0D
開課班級	四技行流三甲
開課教師	鍾明志
學分	3.0
時數	3
上課節次地點	一 6 7 8 教室 T0207
必選修	選修
課程概述	This subject will introduce the RFID, distribution center management, and some experiences of distribution center management in real-world. I will let students to understand how to run a distribution center and how to apply RFID in some action of distribution center. Moreover, we will discuss location problem, facilities planning, inventory management in distribution, ... etc. in this subject.
課程目標	The goals of this subject expect students can understand theory and technology of RFID and distribution center management, and let they can apply these theories to real world company. In addition, I want these theories can become their base for learning other subjects.
課程大綱	<ol style="list-style-type: none"> 1. 物流中心導論 2. 物流中心之區位選擇 3. 物流中心與運輸網路設計 4. 物流中心之設施規劃 5. 物料搬運系統設計 6. 物流中心之經營與管理 7. RFID 導論 8. RFID 技術發展 9. RFID 應用 10. RFID 應用於物流中心之實例研究
英文大綱	<ol style="list-style-type: none"> 0. Introduction to distribution center (DC) <ol style="list-style-type: none"> 1. The location problem for DC 2. Distribution center and transportation network 3. The steps of facilities planning in DC 4. The capacity planning of facilities planning in DC 5. The flow analysis of facilities planning in DC 6. The material handling design 7. The warehouse and inventory management

	8. The fleet management 9. The order management 10. The introduction of RFID 11. The technology of RFID 12. The application of RFID 13. The case study of applying RFID in DC
教學方式	
評量方法	
指定用書	Facilities Planning and Distribution Center Design
參考書籍	物流技術與戰略雜誌社(2008) ，物流中心營運案例集 3，台北市：物流技術與戰略雜誌社。 陳瑞順(2009)，RFID 概論與應用，新北市：全華。 梁添富(2008)，物料管理，新北市：全華。 廖建榮(2003)，物流中心的規劃技術，新北市：聯經。
先修科目	Logistics and supply chain management
教學資源	
注意事項	1.Counseling: Students can contact me using the following ways if you have questions:Email me at any time at z0y@mail.stust.edu.tw after class or make an appointment 2.The syllabus is tentative and may be changed according to the interest of the class. 3.The make-up test of final exam (if any) will be held by Dept. of MLM 4. Please respects the intellectual property of others. Material available may be protected by copyright and the intellectual property laws of Taiwan.
全程外語授課	0
授課語言 1	華語
授課語言 2	
輔導考照 1	美國國際物流協會（SOLE）國際證照
輔導考照 2	