朝陽科技大學 093學年度第1學期教學大綱
Object-Oriented System Design 物件導向系統設計

當期課號	1319	**Course Number**	1319
授課教師	鄭宗明	**Instructor**	CHENG,TZONG MING
中文課名	物件導向系統設計	**Course Name**	Object-Oriented System Design
開課單位	工業工程與管理系(四日)四A	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	3	**Credits**	3
課程目標	本課程將教導物件導向式系統之設計與分析，並使用統一塑模語言UML爲學習工具。	**Objectives**	This course introduces fundamental knowledge in object-oriented system design and UML.
教材	System Analysis and Design - An Object-Oriented Approach, by Dennis, A., Wixon, B. H. and Tegarden, D., Publisher: Wiley 視覺化UML設計開發實務, 孫惠民 著, 旗標出版 課堂講義	**Teaching Materials**	
成績評量方式	期中考 30% 期末報告 50% 課堂表現 20%	**Grading**	Midterm 30% Final Project 50% Classroom Performance 20%
教師網頁			
教學內容	本課程將介紹資訊系統之物件導向式建構方法。課程重點在於以電腦整合製造相關系統爲範例，分析製程任務與製程單位間之關聯，並以統一塑模語言(UML)爲工具，建構有效之製造資訊控制系統。授課主題包括物件導向系統設計、統一塑模語言、以及實作案例。本課程包含實例教學與實做學習，並強調系統建構觀念與實用軟體技術之學習。	**Syllabus**	This course introduces the object-oriented (OO)approach on building information systems. During the implementation, computer-integrated manufacturing systems (CIM) and their related sub-systems are used as examples to demonstrated the system building procedure. Also, the Unified Modeling Language (UML) is used as the CASE tool. Topics include object-oriented system analysis and design, UML tool, and case study. Course emphasis is on the system decomposition and construction concept as well as their implementation.

尊重智慧財產權，請勿非法影印。