朝陽科技大學 095學年度第1學期教學大綱
Collaboration E-Learning 協同式數位學習

當期課號	7363	**Course Number**	7363
授課教師	梁錫卿	**Instructor**	LIANG,SHYI CHING
中文課名	協同式數位學習	**Course Name**	Collaboration E-Learning
開課單位	資訊管理系碩士班一A	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	3	**Credits**	3
課程目標	協同數位學習的目標在於建構學生對新知識的獲取來源。然而，當前國內外數位學習研討中主要關注在於電腦的基礎環境架構，缺乏學習理解的意義。在遠端協同環境下，不同環境背景的人面對同一問題所產生問題差異不同，並不利於正面的學習效果。為避免這種問題，本教學針對相關的教學理論和電腦環境的融合，並根據此模式探討協同系統中人與人之間交流的一致學習方式，並建立出數位學習模式。	**Objectives**	The goal of Collaboration E-Learning is to establish a source of new knowledge for students. However, in domestic and international research regarding E-learning mainly focused on the infrastructure of computing environment but the lack of comprehension for studying. In the distant collaboration, the difference generated by different background is variant, and it is not beneficial to positive learning effect. To avoid that situation, this course focuses on the synchronization of related education theory and computing infrastructure. Based on this, we discuss the study method while people exchange knowledge in collaboration system, and build an e-learning model.
教材		**Teaching Materials**	
成績評量方式	（1）平時成績30%（2）期中考30%（3）期末主題研究與提報40%	**Grading**	（1）Course works 30%（2）Mid-term Exam.30%（3）Term Essay & Seminar.40%
教師網頁	http://itdc.im.cyut.edu.tw/~jerry		
教學內容	協同式學習是教育的一個廣義名詞，它涉及學生間及老師和學生間的一種腦力激盪，一群學生一起努力尋求一種認知、意義或者創造產品等。電腦輔助的協同式學習在許多的研究領域中成為一種新的教育思維，如認知科學、社會學、及電腦工程等。就技術層面而言，協同式有許多的定義，有的鬆散有的嚴謹，了解人的互動模式之間的差異能幫助挑用適當的技術運用來完成互動的需求，	**Syllabus**	Collaborative learning is an umbrella term for a variety of approaches in education that involve joint intellectual effort by students or students and teachers. Groups of students work together in searching for understanding, meaning or solutions or in creating a product. Computer-supported collaborative learning (CSCL) has emerged as a new educational paradigm among researchers and practitioners in several fields, including cognitive sciences, sociology, computer engineering. Collaboration, with respect to information technology, seems to have many definitions. Some are defensible but others are so broad they lose any meaningful application. Understanding the differences in human interactions is necessary to ensure the appropriate technologies are employed to meet interaction needs.