朝陽科技大學 097學年度第1學期教學大綱
Digital Audio Effect 數位音效

當期課號	2075	Course Number	2075
授課教師	吳樹正	Instructor	WU,SHU CHENG
中文課名	數位音效	Course Name	Digital Audio Effect
開課單位	視覺傳達設計系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程將從理論與實務層面，瞭解並熟悉數位音效製作。其中包含基本聲學概念、聲音的數位編輯、數位與類比效果器、以及聲音後製工作等等。並藉由實際製作數位音效與音樂的過程，瞭解使用電腦做爲音樂與音效設計的美學概念，包括形式、與情感符號等等。課程將包含一個大型樂曲作品創作，以及期末的作品發表音樂會。	Objectives	In this course we will comprehend the theory and practice of digital pro audio producing include basic acoustic concepts, digital sound editing, digital-analog effects, mixing audio and etc.. By practically producing digital sound and music, we will also discuss about the concept of aesthetics dimension in music composing including form and emotional semiotics. The course will culminate in a large music composition and a final concert
教材	David Miles Huber & Robert E. Runstein, <<Modern Recording Techniques>>, 5th edition, Focal press, 2001. Gary Davis & Ralph Jones, <<Sound Reinforcement Handbook>>, 2nd edition, Hal Leonard, 1990.	Teaching Materials	
成績評量方式	作業.....30% 期中考.....30% 期末作品...40%	Grading	Assignments.....30% Midterm.....30% Final composition...40%
教師網頁	http://www.cyut.edu.tw/~alainwu/		
教學內容	1.聲音電子化的原理 2.數位錄音的原理 3.音效器材與介面介紹 4.錄音器材設置、調整 5.數位音效剪輯 6.數位音樂製作 7.混音器操作 8.數位效果器介紹 9.音樂創作的概念與原則	Syllabus	1.Essence of sound electrical presentation. 2.Introduction to digital recording. 3.Introduction to pro-audio equipments and interfaces. 4.Setting and adjusting pro-audio equipments. 5.Editing digital sound signals. 6.Digital music producing. 7.Operating mxers. 8.Introduction to digital signal processors. 9.Concept and principle of music composition.

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