朝陽科技大學 096學年度第2學期教學大綱
Digital Pro Audio Producing (2) 數位音效(二)

當期課號	1842	Course Number	1842
授課教師	吳樹正	Instructor	WU,SHU CHENG
中文課名	數位音效(二)	Course Name	Digital Pro Audio Producing (2)
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，跨入數位音樂創作的領域。包含MIDI介面基本概念、音樂的數位編輯技術、數位與類比聲音合成器、數位音源取樣等等。並藉由實際製作數位音樂的過程，瞭解使用電腦做爲音樂作曲媒介的重要概念，包括和聲、節奏與曲式等等。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 music composing include basic MIDI concepts, sequencing technique, analog and digital sound synthesizer, digital sound sampler, and etc.. By practically composing digital music, we will also discuss about the concept of aesthetics dimension in music composing including harmony, rhythm and forms. The course will culminate in a large music composition and a final concert.
教材	Jack Perricone, <<Melody in Songwriting>>, Hal Leonard. Robert Guérin, <<MIDI Power>>, Muska & Lipman. Martin Russ, <<Sound Synthesis and Sampling>>, Focal Press. Jim Aikin, <<Power Tools for Synthesizer Programming>>, Backbeat Books. Mark Harrison, <<Contemporary Music Theory>>, Hal Leonard.	Teaching Materials	
成績評量方式	隨堂習作與作業 60% 期末作品 40%	Grading	Assignments in/after classes 60% Final composition 40%
教師網頁	http://www.cyut.edu.tw/~alainwu/		
教學內容	MIDI 樂器簡介與器材連接, 合成器使用技術, 取樣音源與合成技術, MIDI 編曲實務, 作曲與音樂理論, 音樂後期製作,	Syllabus	Introduction of MIDI instruments and connection. Synthesizer technology. Sound sampling and synthesising techniques. Practical MIDI sequencing. Theory of music and composition. Post produce of audio project.

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