朝陽科技大學 096學年度第1學期教學大綱
Science and Technology in Modern Life 科技與生活

當期課號	0101	Course Number	0101
授課教師	詹□松	Instructor	CHAN,HSIAO SUNG
中文課名	科技與生活	Course Name	Science and Technology in Modern Life
開課單位	自然與科技發展課群(日)	Department	
修習別	選擇必修	Required/Elective	Topics in Natural and the? Development of Sciences
學分數	2	Credits	2
課程目標	隨著科技的發展，人類的生活形態不斷地轉變。本課程將介紹物理、化學與生物等科技之基本觀念、在人類文明中所扮演之角色以及在自然生態、環境、社會、健康…等層面所造成之影響與衝擊，期待同學能以理性與人性爲出發點，培養出一個科學的人生觀。	Objectives	Students are introduced to the study of scientific and technological developments in human life. They should develop their understanding of construction, manufacturing, energy/transportation and information/communication as well as biotechnology and nanotechnology. Students should be able to comprehend physical, chemical and biological concepts and to understand the impacts brought by the science and technology on environment and human society.
教材	自編講義。	Teaching Materials	
成績評量方式	測驗（50%）、平時成績（作業、出席與討論）（50%）	Grading	Quiz (50%)、class performance (attendance and participation) (50%)
教師網頁	_		
教學內容	1.科技與生活 2.奈米科技 3.溫室效應 4.生質能源 5.生醫材料 6.生技特用化學品	Syllabus	1.Science and technology in modern life 2.Nanotechnology 3.Greenhouse effect 4.Biomass and Biofules 5.Biomedical materials 6.Specialty biochemical

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