朝陽科技大學 094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	0092	Course Number	0092
授課教師	嚴國慶	Instructor	YAN,KUO QIN
中文課名	科技與生活	Course Name	Science and Technology in Modern Life
開課單位	自然與生命科學課群(日)	Department	
修習別	選擇必修	Required/Elective	Topics in Natural and Life Science
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	隨堂講義	Teaching Materials	
成績評量方式	小組作業(30%)、小組報告(50%)、小組合作與討論(20%)	Grading	assignments(30%), group reports(50%), in-class discussion performance(20%)
教師網頁			
教學內容	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。	Syllabus	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.

尊重智慧財產權，請勿非法影印。