朝陽科技大學 094學年度第2學期教學大綱
lifescience 生命科學概論

當期課號	0106	Course Number	0106
授課教師	陳耀寬	Instructor	CHEN,YAO KUAN
中文課名	生命科學概論	Course Name	lifescience
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	由於對生命的日愈重視，因此生命科學的探討聚集了更多人的注意。本門課主要是經由生命起源及滅絕的過程來探討，進而了解生命的來源，尊重生命，並進一步了解目前國內對生物科技發展的情形和其在未來生活上的應用。	Objectives	In Life Science, students are introduced to the scientific study of living things. They should develop their understanding of the way a single species functions in its environment as well as how communities of species live in their environment and interact with one another. Students should be able to recognize genes, to understand biotechnology, to develop their conscience and to have respect to all things in the world.
教材	1.基礎生命科學(藝軒圖書出版社) 2.講義 3.科學雜誌	Teaching Materials	1.Essentials of life science. 2.Papers. 3.Science magazines.
成績評量方式	期中考30% 期末考40% 平時表現30%	Grading	Middle exam. 30% Final exam. 40% General test 30%
教師網頁			
教學內容	1.生命學概論 2.生物的多樣性 3.細菌及病毒 4.植物與動物 5.細胞及基因 6.生命的基本化學組成及DNA 7.能量與代謝 8.光合作用及細胞增殖 9.生命科學技術 10.結論	Syllabus	1.General introduc of biology. 2.Biodiversity: species, genus, family, order, class, phylum, kingdom. 3.Bacterium, virus. 4.Plants and animal. 5.Cell and gene. 6.Basic componsition of life chemistry and DNA. 7.Energy and cycle 8.Photosynthesis and cell division. 9.Bio-technology. 10.final concluction.

尊重智慧財產權，請勿非法影印。