朝陽科技大學 094學年度第1學期教學大綱
Life science and creativity 生活科學與創意

當期課號	0099	Course Number	0099
授課教師	陳素貞	Instructor	SU,CHEN CHEN
中文課名	生活科學與創意	Course Name	Life science and creativity
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	藉由課程的引導，啓發同學的好奇心、冒險心、想像心、和挑戰心，再以培養同學之敏覺力、獨創力、及精進力，使之富有創造力，面對新世紀的挑戰。啓發個人的創造思考能力，以解決生活中所遭遇的困境，如家庭、婚姻、親子及人際關係，使生活更加美好。	Objectives	1.Recognize the creative dimensions of giftedness 2.Demonstrate the ability to identify and develop the creative potential of students 3.Demonstrate competence in applying creativity in the workplace 4.Foster the continued development of students' creative potential through the use of creative methods, including brainstorming, visual imagery and creative problem solving.
教材	資料整理自編講義/Lecture	Teaching Materials	
成績評量方式	創意作業40% 討論精神20% 口頭報告 10% 書面報告30%	Grading	homework40% classroom discussion 20% Oral Report10% Written Report30%
教師網頁			
教學內容	1.生活哲學 2.創造力面面觀 3.創造力的十二把金鑰匙 4.創造力的基礎理論 5.創造力的大腦與絆腳石 6.培養創造力的基本法則 7.培養創造力的策略 8.培養創造力的方法 9.創造力的自我訓練 10.分組討論 11.智慧財產保護 12.水平思考與擴散思考 13.創新發明心路分享-1 14.創新發明心路分享-2 15.創造力與人際關係之運用 16.創新發明心路分享-3 17.期末口頭報告-1 18.期末口頭報告-2	Syllabus	1. Living Philosophy 2. Ideology of Creativity 3. Twelve golden Keys of Creativity 4. Basal Theory of Creativity 5. Creative Brain and Obstacle to Creativity 6. Basic Principle of Training Creativity 7. Politics of Training Creativity 8. Methods of Training Creativity 9. Personal Training of Creativity 10. Group Discussion 11. Protection to Intellectual Property 12. Lateral Thinking and Divergent Thinking 13. Shared Contrivance 1 14. Shared Contrivance 2 15. Application of Creativity and Interpersonal Relationship 16. Shared Contrivance 3 17. Oral Report 1 18. Oral Report 2

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