朝陽科技大學 096學年度第1學期教學大綱
Physics and Life 生活與物理

當期課號	0085	Course Number	0085
授課教師	徐暐亭	Instructor	Shu,Wei Ting
中文課名	生活與物理	Course Name	Physics and 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	闡明物理觀念，使學生具備物理學的相關基礎。培養學生吸收科技知識的潛力，並利用已學習的數學工具，解決簡單、有趣、實用的物理問題。增進學生對各種問題的分析、解決能力，配合將來的需要。	Objectives	Expound the physics idea; make students with physics on relevant foundations. Train students to absorb the potentiality of scientific and technological knowledge, utilize the mathematics tool of study, and solve the simple, interesting, practical physics problem. Promote student's analysis on various kinds of problems, settlement ability, the need that will cooperate in the future.
教材	隨堂講義 影片	Teaching Materials	Class notes ,video tape
成績評量方式	期中考 期末考 作業以及報告 課堂表現	Grading	Midterm examination Final examination Homeworks & Reports Class participation
教師網頁	_		
教學內容	生活物理學的範圍包含 速度 重力加速度 牛頓定律 萬有引力 以及能量的闡述	Syllabus	Introduction to Course; Physical Quantities Vectors and Motion Along a Straight Line Free-Fall and Motion in Two and Three Dimensions Force and Motion Work Mechanical Energy Mechanics of Systems of Particles Rotation Equilibrium of Rigid Body Elasticity and Simple Harmonic Motion Gravitation

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