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②國玄東華大學

課 綱 Course Outline

物理學系物理組

中文課程名稱 Course Name in Chinese		基礎物理實驗(四)					
英文課程名稱 Course Name in English		Experimental Physics (IV)					
科目代碼 Course Code		PHYS32000	班 別 Degree Bachelor's				
修別 Type		學程 Program	學分數 Credit(s)	2. 0	時 數 Hour(s)	4. 0	
先修課程 Prerequisite							
課程目標 Course Objectives							
藉日	由實驗操作,學習物	力理基本觀念及其應用					
	系教育目標 Dept.'s Education Objectives						
1	物理科學人才培育,奠定物理及相關科學領域專業知識 To provide integrated education programs in view of fundamental knowledge of physical sciences and associated fields						
2	培養高科技人才 To train the tal	talent for knowledge-intensive industries.					
3	培養繼續進修的理 To train the tal	續進修的理工人才 in the talent for taking higher educational program in physical sciences.					
系專業能力 Basic Learning Outcomes					力相關性 Correlati between (Objective Dept.'s	課程目標與系專業能 力相關性 Correlation between Course Objectives and Dept.'s Education Objectives	
A	具備物理之基礎背 Possessing funda	景知識 umental knowledge in p	ohysical scier	nces.		•	
В	能運用基本物理知識與邏輯推理,分析解決物理問題 Being able to analyze and solve physics problems based on basic knowledge in physics as well as logical reasoning.						
С	對目前測量器材有基礎認識,且具有操作物理實驗儀器的能力 Being acquainted with modern equipment and being able to operate them for performing physics experiments. ■						
D		式語言解決物理問題 se basic computer prog s	gramming for s	solving		•	

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F	具備科技發展的國際視野以及外語溝通的能力 Having an international view of the technology developments and being able to use a foreign language for communications.	0					
G	能整合物理與其它領域知識 Being able to integrate the knowledge of physics with that of other fields.						
圖力	圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated						
課程大綱 Course Outline							
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資源需求評估(師資專長之聘任、儀器設備的配合・・・等) Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)							
物理專業師資、物理實驗室、相關圖書資料、影印機、投影機、幻燈機、實驗設備							
課程要求和教學方式之建議							
Course Requirements and Suggested Teaching Methods							
授課,實驗操作、問題討論,實驗報告、與期末考試。							
	其他 Miscellaneous						
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