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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		書報討論(一)					
英文課程名稱 Course Name in English		Colloquium (I)					
科目代碼 Course Code		PHYS40300	班 別 Degree				
修別 Type		學程 Program	學分數 Credit(s)	1.0	時 數 Hour(s)	2. 0	
先修課程 Prerequisite		本課程限大四學生修習,大三學生需經導師同意始得修習。					
課程目標 Course Objectives							
於專	^東 題學術演講中吸取	L L L 最新之物理及科學新知	<u> </u>	國際期刊之格式			
1	在提供其閱讀及撰寫	• • • • • • • • • • • • • • • • • • • •), (<u>- 1</u> , <u>- 1</u>	- 171.791 14 - 11 - 1	2 71. V 1 2 1 1 2 1		
系教育目標 01: 4:							
	Dept.'s Education Objectives 物理科學人才培育,奠定物理及相關科學領域專業知識						
1	To provide integ	integrated education programs in view of fundamental knowledge of ciences and associated fields					
2	培養高科技人才 To train the tal	オ e talent for knowledge-intensive industries.					
3	培養繼續進修的理工人才 To train 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	具備物理之基礎背景知識 Possessing fundamental knowledge in physical sciences.			0			
В	Being able to an	識與邏輯推理,分析解決 alyze and solve physic sics as well as logica	cs problems			•	
С	Being acquainted	基礎認識,且具有操作物 with modern equipmen performing physics e	t and being			•	

D	能使用基礎電腦程式語言解決物理問題 Being able to use basic computer programming for solving					
υ	physics problems					
Е	善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善善					
ъ	benefiting a topical research.					
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					
r	being able to use a foreign language for communications.					
C	能整合物理與其它領域知識					
G	Being able to integrate the knowledge of physics with that of other fields.	O				
圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated						
課程大綱						
Course Outline						
1. 專題學術演講						
2. 專題心得報告撰寫						
3. 科學論文格式介紹與寫作訓練						
4. 科學論文索引方法						
5. 表達能力訓練						
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.)						
邀請專業領域之演講者、相關期刊及圖書。資料整理所需之電腦、影印機、討論所需之投影機、幻燈機。						
課程要求和教學方式之建議						
Course Requirements and Suggested Teaching Methods						

參與專題學術演講,課堂講授,討論,心得報告撰

其他

Miscellaneous