

計劃表

課程編號	2 0 1 0 3 3 0 0 0	<input type="checkbox"/> 必修 <input checked="" type="checkbox"/> 選修	授課教師：王堯天 老師 開課系所：資管系 學系 年級班別：3 年 班
班次	資管系三年級		
課程名稱(中文)		學分數	課程名稱(英文)
無線通訊		3	Wireless Communications
教學目標 與內容	<p>本課程旨在介紹無線網路基本架構(architecture)及協定(protocols)，使初學者 對於無線通訊網路各元件以及如何將它們連接起來運作有一基本概念。並使學生了解在此架構下網路上，行動計算常用的技術、法則及應用 (technologies, algorithms, and applications) Based an advanced wireless and mobile network architectures, Personal Communication Services (PCS) offers the enterprise freedom of communication through mobility. This book gives network engineers and managers a window on the world of wireless and mobile networks, from the enabling technologies and protocols to creating and managing mobile services. This comprehensive guide is all you need to design and implement a mobile services network. You will find clear discussions of: Mobility management for different systems Wireless Application protocol, Network signaling for IS-41-based systems, PACS, and GSM , Roaming procedures and international roaming , Operational management , VoIP service for mobile networks , Mobile number portability , GPRS , Third generation (3G) mobile systems, Wireless enterprise networks Wireless Local Loop ,And much more .</p>		
實施方法	<input checked="" type="checkbox"/> 講解法 <input type="checkbox"/> 實作法 <input checked="" type="checkbox"/> 討論法 <input checked="" type="checkbox"/> 演習法 <input checked="" type="checkbox"/> 問答法 <input type="checkbox"/> 其他_____		
評量方式	期中測驗 30% 期末測驗 30% 平時成績 40% 其他_____ 成績□□%		
授課使用及 參考書籍	(請按作者、書名、版別、出版商、發行地、出版年份、起訖頁數順序填寫)。 1. Wireless and Mobile Network Architectures by YI-BING LIN and IMRICH CHLAMTAC, 2000, Wiley (維科出版代理) 2.. 行動電話與數據網路管理、林一平博士著、1997、維科出版		
科目簡介(可含大綱及教學進度)：			
<p>This book gives network engineers and managers a window on the world of wireless and mobile networks, from the enabling technologies and protocols to creating and managing mobile services. This comprehensive guide is all you need to design and implement a mobile services network. You will find clear discussions of: Mobility management for different systems Wireless Application protocol, Network signaling for IS-41-based systems, PACS, and GSM , Roaming procedures and international roaming , Operational management , VoIP service for mobile networks , Mobile number portability , GPRS , Third generation (3G) mobile systems, Wireless enterprise networks Wireless Local Loop ,And much more .</p>			
說明：			
<p>1. 授課教師於學期前填寫本表，經課程委員會審核後，影印分送給教師所屬課程委員會召集人，授課班級所屬系、所及教務處課務組；並於開始上課時，將本內容向學生說明。</p> <p>2. 本表於 91.4.23 第四次校課程委員會討論通過。</p>			

課程委員會召集人：

資管系管子中
主任管孟忠(乙)

授課教師：王堯天

課務組
辦事員 郭惠姍課務組
95.3.14
檢印章