

開南管理學院 94 年度第一 學期 資管 學系科目教學計劃表

科目代碼	科目名稱	授課教師	修別	開課年級	學分數	每週時數
	中文：資訊安全 <i>網路</i>	陳冠英 (Guaning Chen)	<input type="checkbox"/> 必修 <input checked="" type="checkbox"/> 選修	研一/二年 班	3	3
	英文：Informatin Security	先修課程	Computer Network; TCP/IP			
教學目標與內容	The purpose of this course is to develop a managerial perspective of digital networks, network security, and security of networked systems. The student will gain concepts and skills in components, architecture, and configuration of network security within the context of IP networks and networked systems. The course also introduces the principles of computer and information security, risk analysis and risk management in the context of information systems. Analysis of information resources, threat and system vulnerabilities will be tied to the development of policies to contain and manage risk with emphasis on a strategy of "defense in depth". The course will explore the ethical questions of computer privacy and the evolution of legal responsibilities for the security information systems.					
實施方法	<input checked="" type="checkbox"/> 講解法。 <input type="checkbox"/> 實作法。 <input type="checkbox"/> 討論法。 <input type="checkbox"/> 演習法。 <input 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 20%。 其他 (出席) 成績 20%。					
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)。 "Fundamentals of Network Security," by Eric Maiwald, ISBN 0-07-223093-2. (McGraw Hill)					
科目簡介(可含大綱及教學進度)： A tentative schedule of lecture topics is given below.						
Chapter 1-What is information security?; Chapter 2-Types of Attacks						
Chapter 3-Hacker Techniques; Chapter 4-Information Security Services						
Chapter 5-Legal Issues in Information Security ???; Chapter 6-Policy						
Chapter 7-Managing Risk ???; Chapters 8 & 9-Information Security Process and Best Practices						
Chapter 10-Firewall; Chapter 11-VPNs						
Chapter 12-Encryption ???; Chapter 13-Intrusion Detection						
Chapter 14-Desktop Protection; Chapter 15-Unix Security Issues						
Chapter 16-Windows NT Security Issues ???						
Chapter 17-Windows 2000 Server Security Issues						
Chapter 18-Internet Architecture						
Chapter 19-E-Commerce Security Needs ???						
Chapter 20-Wireless Security						
說明：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。2.本表於91.4.23第四次校課程委員會討論通過。 <small>Designer jimmy</small>						

課程委員會召集人：

資管系管子忠
主任 蓋章

授課教師：陳冠英 (Guaning Chen)

陳冠英

