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開南大學 95 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：網路安全	陳冠英 (Guaning Chen)	□必修 ■選修	研一/二年 班	3	3
	英文：Network 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	■講解法。 □實作法。□討論法。 □演習法。□問答法。 □其他（　　　）。
評量方式	期中測驗 30% 。期末測驗 30% 。平時成績 30% 。其他（出席）成績10% 。
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)。 "網路安全精要," translated by 賴榮樞, ISBN 986-154-058-X (高立圖書)

科目簡介(可含大綱及教學進度)：A tentative schedule of lecture topics is given below.

Chapter 1 - Introduction;

Chapter 2 - Symmetric Encryption and Message Confidentiality

Chapter 3 - Public-Key Cryptography and Message Authentication;

Chapter 4 - Authentication Applications

Chapter 5 - Electronic Mail Security;

Chapter 6 - IP Security

Chapter 7 - Web Security;

Chapters 8 - Network Management Security

Chapter 9 - Intruders

Chapter 10 - Malicious Software;

Chapter 11- Firewalls

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。

Designer jimmy

課程委員會召集人：　資管系管孟忠(乙)　主 任管孟忠(乙)

授課教師：陳冠英 (Guaning Chen)　陳冠英

課務組 95.11.8 收文章