

國立屏東大學 111學年度第1學期 教學課程綱要

※為保護智慧財產權，請勿非法影印教科書。

課程學分數：1.00(2.00小時)

授課老師：陳俊麟(105430)

必選修：必

開課序號	0415
科目名稱	資訊管理專題研討(一)(AWBZ004)
科目英文名稱	Special Topics in MIS I
授課語言	英語/國語/閩南語/全外語授課
主要教學型態	課堂教學
教學目標	I begin by illuminating the applications and facilities offered by today' s Internet. Next, I systematically introduce the underlying network technologies and protocols that make them possible. With these concepts and technologies established, I introduce several of the most important contemporary issues faced by network implementer and managers, including quality of service, Internet telephony, multimedia, network security, and network management.
每週課程內容及教學方法	Week 1 Internet Trends (lecture) Week 2 Internet Applications And Network Programming (programming practice) Week 3 Reliability and Channel Coding (lecture) Week 4 4G Transmission Modes (I) (lecture) Week 5 4G Transmission Modes (II) (lecture) Week 6 5G Data Communications (I) (on-line) Week 7 5G Data Communications (I) (lecture) Week 8 Internet Routing And Routing Protocols (lecture) Week 9 Midterm Week 10 Network Performance (lecture) Week 11 Multimedia And IP Telephony (lecture) Week 12 UDP: Datagram Transport Service (lecture) Week 13 TCP: Reliable Transport Service (lecture) Week 14 Network Security (lecture) Week 15 Software Defined Networking (SDN) (on-line) Week 16 The Internet Of Things (lecture) Week 17 Trends In Networking Technologies and Uses (lecture) Week 18 Final
核心能力	1. 進階資訊技術與管理分析能力 30% 2. 系統分析、開發與整合能力 0% 3. 瞭解國內外資訊產業趨勢能力 30% 4. 資管領域專題研究及論文撰寫之能力 0% 5. 創新思考及應用資訊技術解決問題之能力 20% 6. 優良之溝通與表達能力 0%

	<p>7. 優良之協調與團隊合作能力 0%</p> <p>8. 資訊倫理及公民素養之能力 10%</p> <p>9. 國際觀與終身學習能力 10%</p>
<b>預期學習成果</b>	This course provides a comprehensive, self-contained tour through all of networking that describes applications, Internet protocols, network technologies, such as LANs and WANs, and low-level details, such as data transmission and wiring.
<b>與預期學習成果搭配的多元評量</b>	<p>Report *5 75%</p> <p>Q &amp; A 20%</p> <p>Show-up 5%</p>
<b>主要讀本</b>	<p>Computer Networks 5th edition (e-book)</p> <p>5G Mobile and Wireless Communications Technology (e-book)</p>
<b>參考書目</b>	
<b>其他事項</b>	<p>分機：32647</p> <p>E-mail:clchen@mail.nptu.edu.tw</p> <p>遠距教學期間，請用office365帳號登入Microsoft Teams</p>