

COURSE DESCRIPTION

部別 Daytime/Evening Session	夜間部	系別	網工系	年制	二技	開課年級 Target Students	四年級
	Evening Session	Dept.	CIN	Program	Two-year		Senior
科目編碼	科目名稱 (中文)		科目名稱 (英文)			學分數	上課時數
Course Code	Course Title (Chinese)		Course Title (English)			Credit(s)	Hour(s)
CN23014	網路規劃實務		Network Communications Design			3	3
中文概述	<p>1. 獲得瞭解一些基礎部份有關於計算機網路和一般運用網路方面的知識。</p> <p>2. 瞭解那網路是架構和運作在網路位址的項目和TCP/UDP/IP協定架構相關性，附註一般應用協定層的知識。</p> <p>3. 網路區域的相關問題，發展符合客戶端和伺服器端的協定和網路架構層。</p> <p>4. 主要類別在JAVA知識下，支援網路基礎通訊和可能使用類別去建構TCP/UDP基礎客戶端—伺服器端。</p>						
English Description	<p>Learning Outcome:</p> <p>Upon completing this module, the successful learner will:</p> <ol style="list-style-type: none"> 1. Possess an understanding of the fundamentals behind computer based networking and knowledge of commonly employed networks. 2. Understand how the Internet (i.e. TCP/IP model) is structured and operates in terms of network addressing and the TCP/UDP/IP protocol structure/functionality. Additionally, have knowledge of common application layer protocols. 3. Be able to model a range of network related problems through the development of appropriate client-server protocols and layered network architectures. 4. Have knowledge of the primary classes within Java that support network based communication and be able to use these classes to construct TCP/UDP based client-server setups. 						