



## 課程概述 Course Description

課程代碼 Course Code	中文課程名稱 Course Name(Chinese)	英文課程名稱 Course Name(Chinese)	總學分數 Credits	總時數 Hours	冊別 Hours
03295	嵌入式系統	Embedded System Overview	3	3	1
<b>中文概述</b> Chinese Description	<p>嵌入式系統是一種結合電腦軟體和硬體的應用，舉凡行動電話、遊樂器、影音設備等生活配備，或者是運輸系統以及工廠生產的自動控制，隨處可見嵌入式系統的應用。本課程主要在介紹嵌入式系統之基本原理及應用，內容包含了有計算機概論、程式語言、作業系統、電腦網路、電腦硬體、Linux 程式設計、嵌入式 Linux 系統介紹。</p>				
<b>英文概述</b> English Description	<p>Embedded system is a combinative application of computer software and hardware. It includes mobile phones, TV games, video and audio equipments, transportation system and automatic control system produced by factories, and so on. This curriculum mainly introduces basic principles and application of embedded system. It contains Computer Introduction, Programming Language, Operating System, Computer Network, Computer Hardware, Linux Programming, and Introduction to Embedded Linux system.</p>				