



## 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
03213	感測器	Sensors	3	3	1
<b>中文概述</b> Chinese Description	介紹各感測器之基本知識原理及應用使學生對感測器有具體之認識以奠下感測器良好的基礎. 一、概論二、使用感測器之雜訊對策三、光感測器四、感像器五、溫度感測器六、紅外線感測器七、瓦斯感測器八、磁性感測器九、溼度感測器十、洩漏檢出感測器十一、振動感測器十二、位準感測器十三、流速感測器十四、壓力感測器十五、迴轉角感測器十六、轉速感測器十七、特殊感測裝置				
<b>英文概述</b> English Description	Introduce the basics of sensors, their static and dynamic characteristics, primary sensors for common quantities, and sensor matters and technology. We focus on the following listed sensors to study the principles and applications : 1. temperature sensors 2.gas sensors 3.flow and flow-rate sensors 4. optical sensors 5. position sensors 6. pizeoelectric sensors 7. pressure sensors 8.humidity sensors				