

龍華科技大學

Lunghwa University of Science and Technology

課程簡介

COURSE DESCRIPTION

部別 Daytime/Evening Session	日間部 Daytime	系別 Dept.	電子工程 Electronic Engineering	年制Program	四技 Four-year	開課年級 Target Students	四 Senior
科目編碼 Course Code	科目名稱 (中文) : Course Title (Chinese)		科目名稱 (英文) : Course Title (English)		學分數 Credit(s)	上課時數 Hour(s)	
EL23287	感測器原理與應用		Principles and Applications of Sensors		3	3	
中文概述	<p>本課程主要目標為教導學生使其具備分析、設計電子感測系統之主要技能。其重點包含下列點：</p> <p>一、感測器原理與種類。</p> <p>二、線性化原理。</p> <p>三、介面電路設計</p> <p>四、實例探討與應用。</p>						
English Description	<p>This course is to present the theories of sensors and transducers. The applications of sensors and transducers are also discussed in this course. The course is divided into the following 4 parts:</p> <ol style="list-style-type: none"> 1. Introduction to sensors and transducers; 2. Converted techniques; 3. Linearity for the read out circuits of sensors and transducers; 4. Design steps and design methods; 						

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科目編碼 Course Code	科目名稱 (中文) : Course Title (Chinese)		科目名稱 (英文) : Course Title (English)		學分數 Credit(s)	上課時數 Hour(s)	
EL23287	感測器原理與應用		Principles and Applications of Sensors		3	3	
	<p>本課程主要目標為教導學生使其具備分析、設計電子感測系統之主要技能。其重點包含下列四點：</p>						

中文概述	一、感測器原理與種類。 二、線性化原理。 三、介面電路設計。 四、應用專題。
English Description	<p>This course is to present the theories of sensors and transducers. The applications of sensors and transducers are also discussed in this course. The course is divided into the following 4 parts:</p> <ol style="list-style-type: none">1.Introduction to sensors and transducers;2.Convertred techniques;3.Linearity for the read out circuits of sensors and transducers;4.Projects;