

# 龍 華 科 技 大 學

Lunghwa University of Science and Technology

## 課程簡介

COURSE DESCRIPTION

Course Code	Course Title (English)	C(compu- sory) /E(elec- tive)	Cred- it(s)	Hour(s)	Course Description
科目編碼	科目名稱(中文)：	必/選	學分 數	上課時數	中文概述
通識課程 General education	Basic Chinese (I)	C	4	8	Learners can use common words and expressions to make daily conversations. Lessons are arranged around daily experiences.
	初級華語(一)	C	4	8	培養日常生活溝通能力，課程圍繞生活周遭主題，學生能理解與使用常用語詞之表達。
	Basic Chinese Conversion (II)	C	1	2	The main goal of the course is to improve students' listening ability and promote realistic use of the language in understanding daily conversations, dialogues, and short stories through various class activities, class discussions, role-plays and movie-viewings. This course consists of various materials including listening activities in the textbook, songs, films, culturally-related and high-interest topics. Hopefully, students will be able to use the skills to make greater progress in their language learning and eventually become good listeners.
	初級華語會話(一)	C	1	2	本課程的主旨在提升學生英語聽力能力、藉由聽力活動、小組討論、角色扮演、影片欣賞等多樣性活動的聽力訓練，達到增進學生瞭解簡易會話，聽懂日常生活對話及簡單的故事能力。
	Basic Chinese Proficiency Test Level (I)	C	0	5	This course is paired with "Chinese for Daily Life" and "Listening for Daily Life Chinese". It will be a intensive learning to create a Chinese environment, and improve students' language ability in a short time.
	初級華語檢定(一)	C	0	5	本課程搭配生活華文與生活華文聽講，利用密集的教學打造一個華語環境，短時間提升學生的語文能力。
	Workplace English ( I )	C	2	2	The main goal of the course is to improve the ability of workplace English and improve the competition in workplace. This course helps students to prepare for careers in the modern age. It encompasses a wide variety of real-world skills that employers look for, including presentations skills, writing skills, social skills and communication skills.
	職場英文(一)	D	2	2	本課程開設旨在加強職場英文能力，並與原有之英文基礎結合。及早為未來就業準備，並提升就業競爭力。
	Basic Chinese (II)	C	4	8	Learners can use common words and expressions to make daily conversations. Lessons are arranged around daily experiences.
	初級華語(二)	C	4	8	培養日常生活溝通能力，課程圍繞生活周遭主題，學生能理解與使用常用語詞之表達。
	Basic Chinese Conversation (II)	C	1	2	The main goal of the course is to improve students' listening ability and promote realistic use of the language in understanding daily conversations, dialogues, and short stories through various class activities, class discussions, role-plays and movie-viewings. This course consists of various materials including listening activities in the textbook, songs, films, culturally-related and high-interest topics. Hopefully, students will be able to use the skills to make greater progress in their language learning and eventually become good listeners.
	初級華語會話(二)	C	1	2	本課程的主旨在提升學生英語聽力能力、藉由聽力活動、小組討論、角色扮演、影片欣賞等多樣性活動的聽力訓練，達到增進學生瞭解簡易會話，聽懂日常生活對話及簡單的故事能力。

course	Basic Chinese Proficiency Test Level (II)	C	0	5	This course is paired with "Chinese for Daily Life" and "Listening for Daily Life Chinese". It will be an intensive learning to create a Chinese environment, and improve students' language ability in a short time.
	初級華語檢定(二)	C	0	5	本課程搭配生活華文與生活華文聽講，利用密集的教學打造一個華語環境，短時間提升學生的語文能力。
	Workplace English (II)	C	2	2	The main goal of the course is to improve the ability of workplace English and improve the competition in workplace. This course helps students to prepare for careers in the modern age. It encompasses a wide variety of real-world skills that employers look for, including presentations skills, writing skills, social skills and communication skills.
	職場英文(二)	C	2	2	本課程開設旨在加強職場英文能力，並與原有之英文基礎結合。及早為未來就業準備，並提升就業競爭力。
	Intermediate Chinese (I)	C	3	6	Learners can use common words and expressions to make daily conversations. Lessons are arranged around daily experiences.
	中級華語(一)	C	3	6	培養日常生活溝通能力，課程圍繞生活周遭主題，學生能理解與使用常用語詞之表達。
	Intermediate Chinese Conversation(I)	C	3	3	The main goal of the course is to improve students' listening ability and promote realistic use of the language in understanding daily conversations, dialogues, and short stories through various class activities, class discussions, role-plays and movie-viewings. This course consists of various materials including listening activities in the textbook, songs, films, culturally-related and high-interest topics. Hopefully, students will be able to use the skills to make greater progress in their language learning and eventually become good listeners.
	中級華語會話(一)	C	3	3	本課程的主旨在提升學生英語聽力能力、藉由聽力活動、小組討論、角色扮演、影片欣賞等多樣性活動的聽力訓練，達到增進學生瞭解簡易會話，聽懂日常生活對話及簡單的故事能力。
	Workplace Ethics	C	2	2	Ethics talks about the basic virtue and morality for interactions between people and people, people and society, society and society. It's the task of the greatest urgency at present for college students in Taiwan. The course covers several critical topics, including introduction to ethics, basic concepts on professional ethics, basic concepts on engineering ethics, basic concepts on business ethics, basic concepts on environmental ethics, ethics and law, ethic issues in the contemporary society. Speeches and group studies are also necessary and shall widen the knowledge into the real actions in students'
職場倫理	C	2	2	本課程將針對各類工作職場所需之行為規範提出深入淺出的說明，內容包含「倫理學的基本概念」、「職場倫理初探」、「工程倫理初探」、「企業倫理初探」、「倫理與法律初探」、「環境倫理概念」、「當代社會的倫理議題」、等主題，亦邀請學者專家進行兩場專題演講，並以生活化之議題進行個案研討，激發學生學習興趣，深化教學效果。	
Electronic Circuits	C	3	3	The semiconductor characteristics and operation of diode, BJT and FET devices are first discussed. Then the design methodology of DC biasing and the analysis technology of amplifiers are described. The content of the course is as follows. 1.Discuss the properties of device semiconductor 2.Analyze the diode circuits 3.Describe the field-effect transistors amplifiers 4.Discuss the bipolar junction transistors amplifiers	
電子電路學	C	3	3	本課程介紹元件半導體特性，主要聚焦在二極體、BJT和FET等，並且對於元件半導體特性、如何設計直流偏壓，分析放大器等各項知識。課程內容主要包含以下：1. 介紹元件半導體特性 2. 分析二極體電路3. 描述場效電晶體放大器 4. 說明雙接面電晶體放大器	
Electronic Circuits Lab.	C	3	4	The semiconductor characteristics and operation of diode, BJT and FET devices are first discussed. Then the design methodology of DC biasing and the analysis technology of amplifiers are described. The content of the course is as follows. 1.Discuss the properties of device semiconductor 2.Analyze the diode circuits 3.Describe the field-effect transistors amplifiers 4.Analyze the characteristics for the bipolar junction transistors 5.Discuss the bipolar junction transistors amplifiers	
電子電路學實習	C	3	4	本課程介紹元件半導體特性，主要聚焦在二極體、BJT和FET等，並且對於元件半導體特性、如何設計直流偏壓，分析放大器等各項知識。課程內容主要包含以下：1. 介紹元件半導體特性 2. 分析二極體電路 3. 描述場效電晶體放大器 4. 分析雙接面電晶體特性 5. 說明雙接面電晶體放大器	

Computer Programming Lab.	C	3	4	This course is for introduction to programming and other more intermediate courses covering programming in C++. This course is aimed at students with little or no programming experience. The course has an emphasis on achieving program clarity through structured and object-oriented programming, software reuse and component-oriented software construction.
計算機程式設計實習	C	3	4	本課程有系統的介紹計算機程式語言C++，使學生有整體的計算機程式設計概念和程式設計方法，讓學生可銜接後續相關的課程。本課程可以針對部分基礎或是沒有基礎的學生進行授課。課程強調說明程式設計的結構化、物件導向設計，軟體可重複使用特性以及區塊導向結構等觀念。
Electronics	C	3	3	We introduce the semiconductor characteristics and operation of diode, BJT and FET devices, and then learn the design methodology of dc biasing and analysis technology of amplifiers. This course is to present only the technologies of integrated circuits in the field of electronics. 1. Device Semiconductor Properties 2. Diode circuit analysis 3. The Field-Effect Transistors Amplifiers 4. The Bipolar Junction Transistors Amplifiers
電子學	C	3	3	本課程主要介紹二極體、BJT及FET元件半導體特性，直流偏壓設計，與放大器分析的各項知識。課程內容分成以下四部分： 一、 元件半導體特性。二、 二極體電路分析。三、 場效電晶體放大器。四、 雙界面電晶體放大器。
Electronics Lab.	C	3	4	We introduce the physical characteristics and operation of the major semiconductor devices and the basic circuits, this course is to present only the technologies of integrated circuits in the field of electronics. The course is divided into the following 5 parts: 1. The Characteristic Analysis of Diode 2. Characteristics of Field-Effect Transistors 3. Field-Effect Transistors Amplifiers 4. Characteristics of Bipolar Junction Transistors 5. Bipolar Junction Transistors Amplifiers
電子學實習	C	3	4	本課程主要介紹電子學領域中關於半導體元件、特性與基本電路的各項知識。分成以下五部分： 一、 二極體特性分析。二、 場效電晶體特性分析。三、 場效電晶體放大器。四、 雙界面電晶體特性分析。五、 雙極性電晶體放大器。
Digital Logic Design	E	3	3	The course covers the analysis, design and simplification of both combinational and sequential systems. The topics of the course are as follows. 1. Number systems, codes and their conversion method. 2. Boolean algebra and the corresponding operations and laws. 3. Simplification for Boolean algebra and the operation method. 4. Combinational logic and the analysis method for the combination circuit. 5. Programmable logic array, PAL and the FPGA. 6. Flip-flops and their characteristics. 7. Synchronous and asynchronous sequential circuits and discuss the analysis and design methods.
數位邏輯設計	E	3	3	使學生瞭解組合邏輯與序向邏輯電路之分析，設計及簡化之方法，內容包含：1. 數系：數位系統所使用之各種數系及其轉換之方法。2. 布氏代數：了解布氏代數的基本運算法和定律，及認識基本邏輯及邏輯閘。3. 布氏代數之簡化：介紹各種布氏代數之簡化方法。4. 組合邏輯：據布氏代數及邏輯閘，分析各種組合邏輯電路。5. 可程式邏輯陣列：介紹PLA, PAL, FPGA等之設計方法。6. 正反器：介紹各種正反器電路及了解其基特性。7. 同步與非同步序向電路：介紹各種同步與非同步序向電路分

Object Oriented Programming Design	E	3	3	The object-oriented Programming is an important for software technique. The application of object-oriented for information the technique includes the object-oriented programming, object-oriented analysis and object-oriented design. The object-oriented Programming will also become a future trend of software development. The characteristic of object-oriented Programming focus on the data application of delivering, assembling, inheriting, packing and dynamic linking etc. This course adoption the follow sequence and advance gradually to study the programming.
物件導向程式設計	E	3	3	物件導向是重要的軟體技術。物件導向技術在資訊上的應用涵蓋物件程式、物件分析、物件設計。物件導向技術也成為軟體發展的未來趨勢。物件導向程式語言的特徵是資料經傳遞、組合、繼承、封裝及動態連結等觀念的應用。本課程採用循序漸進的方式，學習物件導向的程式設計，利用物件導向系統來解決問題。
Applications of single chip microcomputer Lab.	E	3	4	Today, since intelligent electronic or automatic control systems are usually designed by single chip microcomputer, this course is designed for the students who intend to know how to design and develop the above products or systems. This course includes : • Introduction of single chip microcomputer • Development system of single chip microcomputer • Single chip microcomputer architecture interfacing and programming technique • Application of single chip microcomputer
單晶片微電腦原理應用實習	E	3	4	目前智慧型電子產品或自動化控制系統，常以單晶片微電腦及週邊介面設計出此類產品，故本課程之設計即以業界人才需求，教授相關知識，應用於相關產品之研發及製作。 本課程主要內容如下： • 單晶片微電腦系列介紹 • 單晶片微電腦之發展系統介紹 • 單晶片微電腦系統結構、週邊界面及程式技巧之介紹 • 單晶片微電腦應用實例介紹
Computer Architecture and Organization	E	3	3	The course discusses the organization and architecture for the computer, including the input, output and processors. The topics of the course are as follows. 1. Basic concept of the computer 2.Impelemtaion of the architecture, such as the processing units and hierarchical design. 3.Data format, the instructions and the data path designs for the data and control units. 4.Macro modules design, such as the memory organization, cache and memory .
計算機組織與結構	E	3	3	這門課程主要介紹計算機組織和結構的內容，包含輸入輸出和處理單元。課程內容包含以下幾項：1. 基本計算機和計算觀念 2. 基礎設計方法、處理器基本概念和階層設計 3. 資料表示法、指令集、資料和控制單元設計4. 記憶體組織、快取記憶體、系統組織 4. 網際網路應用：探討主從架構下通訊、E-mail以及網站瀏覽器等應用程式
Computer Network Programming Design Practice	E	3	3	This course provides an introduction to computer networks and the teaching materials are as follows: 1.Data Transmission: It discusses the encoder and decoder :method for the data. 2. Packet Transmission: It describes the packet format and illustrates the relationship between the packet format and the transmission format 3. The connection among different networks: It discusses the TCP/IP protocols and the applications for the world wide web 4. Web applications: It describes the client and server architecture, E-mail and the web browser 5.Programming project: The teacher manages several students into a set of group. Each group should implement the dedicated
計算機網路程式設計實習	E	3	3	本課程將介紹計算機網路系統運作。討論主題包括以下內容：1. 資料的傳輸：介紹資料如何以電子訊號進行編碼，以及網路訊號的方式。2. 封包的傳輸：說明組成一個封包方式，並探討計算機採用封包格式與傳遞資料方式的關聯性。。3. 異質網路的連接：介紹TCP/IP, 通訊協定運作以及應用於全球性網路的觀念 5. 主題實作的單元：規劃教學活動讓學生能以多人一組的型態，進行實作所學的計算機網路運作。

專業課程  
Professional

## Courses

Advanced Mathematics	E	3	3	Printed circuit board is part of the circuit between the parts and parts of the copper, after a series of planning, engraved on a board, providing electronic components in the installation, the main support when the interconnection. Printed circuit board industry upstream for the glass fiber, resin and other materials suppliers, the middle of the copper foil substrate, printed circuit board manufacturers, downstream for all types of electronic products suppliers. With the increasing demand for electronic products in the global consumer market, which leads to the rapid growth of PCB industry, the demand for PCBs is increasing. Therefore, we need the relevant system of scale talent cultivation. To train students to enhance the circuit board industry in the face of future challenges to other countries need to
進階數學	E	3	3	印刷電路板是將零件與零件之間複雜的電路銅線，經過一系列的規劃後，刻在一塊板子上，提供電子零組件在安裝、互連時的主要支撐體。印刷電路板產業上游為玻璃纖維、樹脂等材料的供應商，中游為銅箔基板、印刷電路板製造業者，下游為各類電子產品的供應商。隨著全球消費市場對電子產品的需求日益增大，進而帶動PCB產業迅速成長，因此各國PCB的人才需求日增，故我國更需要具有規模人才培育的相關制度，故開設此課程，藉由實作訓練學生，以提升電路板產業面臨未來其它國
Computer Networks	E	3	3	This course is an introduction to computer networks and teaches students, with no prior knowledge of TCP/IP, everything they need to know about the subject. The textbook is a comprehensive book uses hundreds of figures to make technical concepts easy to grasp, as well as many examples, which help tie the material to the real-world.
計算機網路	E	3	3	本課程將介紹計算機網路系統。討論的主題包括下列四個部份：1. 資料的傳輸：資料如何以電子訊號編碼，如何傳遞這些訊號。2. 封包的傳輸：如何組成一個封包，計算機為何要採用封包的方式傳遞資料。3. 異種網路的連接：CP/IP, 如何應用於全球性的網路。4. 網路的應用：主從架構下的通訊，E-mail, 網站瀏覽器等應用程式。
Printed Circuit Board Layout	E	3	3	1. Product prototype production and measurement capabilities. 2. The circuit layout and production capabilities. 3. Plan and maintain the automatic control system and integrate the system with the production equipment. 4. Students can self-architect devices through a hardware device such as a programmable controller, a wireless communication module, a sensing module, and a human-machine interface. 5. Integrate systems, existing software instructions and measurement techniques, and measure data, statistics and analysis.
印刷電路板佈局	E	3	3	本課程將介紹印刷電路板佈局。討論的主題包括下列五個部份：一、產品雛型製作及量測能力。二、電路佈局及製作能力。三、規劃、維護自動控制系統，並將系統與生產設備整合。四、可透過可程式控制器、無線通訊模組、感測組與人機界面等硬體設備來使學生自我架構設備聯網。五、整合系統、現有軟體指令及量測技術，擷取量測資料、統計及分析。
Internet-of-Thing Technology	E	3	3	This course mainly introduces the definition, development and architecture of Internet of Things (IoT), and then discusses the technologies of management, connection, and device layers. The issues of security and big data are also included in this course. The course aims to help to students to build up the professional knowledge of IoT and implementation skill of development of IoT system.
物聯網技術	E	3	3	本課程主要介紹物聯網的定義、發展、架構，並進一步討論應用層、網路層及感知層的技術，以及物聯網安全及大數據等議題，並透過實作以建立學生在物聯網方面的專業知識與實作能力。
Implementation of Microcontroller and Interaction Interface	E	3	3	Microcontroller is very important when designing the creative products. The course contains the several parts. First, the creative implementation by using the microcontroller is discussed. Second, the necessary programming skills for hardware peripherals are reviewed. Third, the basic hardware peripherals of microcontroller, containing the basic input/output, LCD, timer, ADC and PWM, are illustrated. Fourth, the life demand is observed and students are encouraged to design the prototype by using the PCB board or others.

微控制器與互動介面實作	E	3	3	微控制器整合可以達成創意設計和實作。本課程的內容有：第一是介紹應用微控制器的創意實作的種類；第二複習控制硬體所需的韌體程式內容；第三是學習微控制器五大周邊介面，分別是：基本輸入輸出、計時器、LCD顯示功能、類比數位轉換、脈波寬度調變等；第四是思考整合周邊硬體以達成日常生活的創意作品實作，讓同學開發韌體程式於PCB電路板或是麵包版，驗證雜型系統的功能。教學目標是讓同學學習得一款微控制器功能，培養學生觀察日常生活產品不足之處，並達成系統整合能力的創意產品設計；第五部份則是期末專題報告實作，使用一周進行小組題目內容實作，與老師互動討論。
Printed Circuit Board Production	E	3	3	Printed circuit board is part of the circuit between the parts and parts of the copper, after a series of planning, engraved on a board, providing electronic components in the installation, the main support when the interconnection. Printed circuit board industry upstream for the glass fiber, resin and other materials suppliers, the middle of the copper foil substrate, printed circuit board manufacturers, downstream for all types of electronic products suppliers. With the increasing demand for electronic products in the global consumer market, which leads to the rapid growth of PCB industry, the demand for PCBs is increasing. Therefore, we need the relevant system of scale talent cultivation. To train students to enhance the circuit board industry in the face of future challenges to other countries need to challenge.
印刷電路板製作	E	3	3	印刷電路板是將零件與零件之間複雜的電路銅線，經過一系列的規劃後，刻在一塊板子上，提供電子零組件在安裝、互連時的主要支撐體。印刷電路板產業上游為玻璃纖維、樹脂等材料的供應商，中游為銅箔基板、印刷電路板製造業者，下游為各類電子產品的供應商。隨著全球消費市場對電子產品的需求日益增大，進而帶動PCB產業迅速成長，因此各國PCB的人才需求日增，故我國更需要具有規模人才培育的相關制度，故開設此課程，藉由實作訓練學生，以提升電路板產業面臨未來其它國家競爭挑戰之需。
Mobile Phone Programming Design	E	3	3	The objective is to teach students the basic concept of mobile programming. Android will be selected as the target platform for practice. This course will describe the architecture and applications of handheld devices which include handheld devices overview, architecture of Android system, Android development tools installation, user interface description and design, Android application program framework and design. There are many examples and lab assignments will be provided for students for hands-on experiences on handheld devices design and application with Java.
手機程式設計	E	3	3	教導學生開發手機程式的基礎概念，並以 Android 為平台，進行手機程式開發的訓練。本課程將介紹手持式裝置的架構與應用程式設計方法，並以Android系統為例，介紹Android系統的架構及包含圖形化使用者介面、GPS、語音與藍芽通訊、圖片播放與網路等等各種功能。除了分析Android系統的運作原理外，並將詳細說明開發Android應用程式的方法與技術，以協助學生發揮創意擴展手持式裝置的多元應用，本課程將著重概念的建立、以豐富的範例與習題等來加強學習效果。
Surface Mount Technology	E	3	3	This course will train students with the SMT technology.
表面黏著技術	E	3	3	本課程將使學生熟悉SMT製程技術。
Introduction to Artificial Intelligent	E	3	3	The course describes the topics of the artificial intelligent, including the concept, the traditional theory methods and the future artificial applications. The topics of the course are as follows. 1.Discuss the basic concept of the artificial intelligent 2.Describe many theories for the artificial intelligent 3.Explore the direction and applications for the artificial intelligent
人工智慧概論	E	3	3	本課程將會介紹人工智慧的基礎觀念、各種人工智慧理論以及未來人工智慧方向及應用。課程的內容將包含以下主題： 1. 介紹人工智慧的基礎觀念 2. 討論各種人工智慧理論3. 探討未來的人工智慧方向和應用

	Basics in Intelligent Robot Designs Practice	E	3	4	The course is designed with the “learning by doing” concept in mind to help students acquire the basic knowledge about intelligent robot designs. 1. The basic knowledge and skills in designing a mobile robot platform;2. Control the mobile robot with Arduino microcontrollers;3. Sensor calibration, PWM motor control and circuit layout, line detection with center of mass techniques, and a racing contest.
	智慧機器人設計概論實習	E	3	4	有鑑於國家未來對於「智慧型機器人」相關跨領域應用設計人才的需求，本課程擬以「做中學」的模式，培養學生在「智慧型機器人」跨領域應用設計的基礎能力。除了以相關的競賽活動，持續維持學生們的學習興趣外，也希望能讓學生進一步學到如何整合相關知識與技術，以解決實際的問題。課程內容如下:1. 培養學生在「智慧型機器人」跨領域應用設計的基礎能力。2. 訓練學生以 Arduino為基礎設計與控制智慧輪型機器人系統。3. 期末競速比賽
產業實習課程 Industry Internship Program	Industry Practice Internship (1)	E	6	26	The primary objective of the Business Internship course is to enhance the theoretical knowledge received in the classroom with practical on the job experiences. With the completion of the course in business, students have an opportunity, within an approved internship, to both apply and observe many of the tools, principles, and practices learned in the classroom in a real world business, industry, or governmental setting. During the internship period, students are expected to acquire work experience, interrelationship, and new skill and knowledge from the business supervisors and school advisor. Meanwhile, after the integration of theory and practice implementation, students are not only hoped to elaborate their skill but also be able to adjust themselves to real interaction in a business environment and become an excellent, competitive employer in the further.
	產業實務實習(一)	E	6	26	本課程在學生進入職場前，提供機會瞭解職場生態，以及應用所學之機會，讓學生體懂並整合學期過程當中，各項課程學習心得的整合與實際應用。學生於實習期間，除實際體驗職場的工作環境與人際關係之外，並透過業界業師與本系指導老師的共同指導，讓學生能夠更為深入的瞭解與正確的認知。經過理論與實務的整合實作之後，讓學生發揮所學之外，更能因應職場實際環境，調整自己的心態與工作態度，蛻變為職場所需的優秀員工，以強化學生的就業競爭力。
	Industry Practice Internship (2)	E	6	26	This course provides opportunities for students to understand the workplace ecology and apply the opportunities they have learned before they enter the workplace, so that students can integrate and integrate the learning and understanding of each course. During the internship, students will not only experience the working environment and interpersonal relationship in the workplace, but also provide students with a deeper understanding and correct understanding through the joint guidance of industry teachers and departmental instructors. After the integration of theory and practice, students will be able to adjust their mentality and work attitude in accordance with the actual environment of the workplace, and become an excellent employee in the workplace to strengthen the employment competitiveness of students.
	產業實務實習(二)	E	6	26	本課程在學生進入職場前，提供機會瞭解職場生態，以及應用所學之機會，讓學生體懂並整合學期過程當中，各項課程學習心得的整合與實際應用。學生於實習期間，除實際體驗職場的工作環境與人際關係之外，並透過業界業師與本系指導老師的共同指導，讓學生能夠更為深入的瞭解與正確的認知。經過理論與實務的整合實作之後，讓學生發揮所學之外，更能因應職場實際環境，調整自己的心態與工作態度，蛻變為職場所需的優秀員工，以強化學生的就業競爭力。
	Industrial Practice Internship (3)	E	6	26	The primary objective of the Business Internship course is to enhance the theoretical knowledge received in the classroom with practical on the job experiences. With the completion of the course in business, students have an opportunity, within an approved internship, to both apply and observe many of the tools, principles, and practices learned in the classroom in a real world business, industry, or governmental setting. During the internship period, students are expected to acquire work experience, interrelationship, and new skill and knowledge from the business supervisors and school advisor. Meanwhile, after the integration of theory and practice implementation, students are not only hoped to elaborate their skill but also be able to adjust themselves to real interaction in a business environment and become an excellent, competitive employer in the further.

產業實務實習(三)	E	6	26	本課程在學生進入職場前，提供機會瞭解職場生態，以及應用所學之機會，讓學生體懂並整合學期過程當中，各項課程學習心得的整合與實際應用。學生於實習期間，除實際體驗職場的工作環境與人際關係之外，並透過業界業師與本系指導老師的共同指導，讓學生能夠更為深入的瞭解與正確的認知。經過理論與實務的整合實作之後，讓學生發揮所學之外，更能因應職場實際環境，調整自己的心態與工作態度，蛻變為職場所需的優秀員工，以強化學生的就業競爭力。
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