

KUN SHAN UNIVERSITY - 2027 Spring Program

—Admission Brochure—

International Industrial Talents Education Program in Smart Manufacturing and Product Testing Engineering 專班名稱: 智慧製造與產品測試工程國際產業人才專班	
Degree 學位	2-Year Post-Baccalaureate Degree/學士後二年制學士專班
College 學院	College of Engineering/工程學院
Department 學系	Department of Electric Vehicles and Intelligent Electronics Engineering /電動車暨智慧電子工程系
Begin Term 開始學期	2027 Spring Semester (Enroll in February) /春季(2027 年 2 月入學)
Introduction Language 授課語言	Course taught in English/英文授課
Nationality of admission 招生國籍	Philippines/菲律賓
Language Proficiency 語言能力	English Proficiency Requirement - Applicants must provide proof of English proficiency equivalent to TOEIC 550, CEFR B1, or above. However, applicants from countries where English is officially recognized by the Ministry of Foreign Affairs of the Republic of China (Taiwan) (e.g., the Philippines) are exempt from submitting English proficiency test scores. Chinese Proficiency Requirement - Language Proficiency Requirements After Enrollment: Both Listening and Reading at least at level A2 before the second academic year. 英語能力要求 - 申請入學之英語能力須達 TOEIC 550 分或 CEFR B1 級(含)以上。但來自中華民國(台灣)外交部認定英語為官方語言之國家名單者(如菲律賓),得免附英語能力檢定證明。 中文能力要求 - 入學後第 2 年開始前華語文能力測驗(TOCFL)聽、讀 2 項皆達 A2 級(含)以上
Application Documents 申請文件	- Application form - The highest-level degree diploma - The highest degree's full transcript of records - Proof of English Proficiency (TOEIC 550 or above, or equivalent CEFR B1).

	5. Statement of purpose 6. Passport (if available) 7. Other supporting documents for review. (e.g., classroom performance and academic achievements in free Chinese preparatory courses at overseas bases or stations, autobiographies in Chinese or English, certificates, awards, etc.). 1. 入學申請表 2. 最高學歷證明 3. 最高學歷之歷年成績單 4. 語文能力證明(多益 550 分或相當於 CEFR B1 等級以上之英文能力證明) 5. 目的聲明書 6. 護照(如果有) 7. 其他有利之審查資料。(如：參加海外基地或據點免費華語先修課程之課堂表現及學習成績、中文或英文自傳、證照、獎狀...等)
Interview/ Oral Exam 面試/口試	Interview with Collaborating Companies 面試(與合作企業)
Obligations/ Notes 義務規定/ 注意事項	<u>Obligations</u> 1. Students receiving industry-academia scholarships from the National Development Fund, Taiwan are obligated to stay and work in Taiwan for a corresponding period based on the number of years they received the scholarship. 2. Those receiving a one-year industry-academia scholarship have a one-year obligation to stay and work in Taiwan, while those receiving a two-year industry-academia scholarship have a two-year obligation to stay and work in Taiwan. <u>***Notes</u> 1. If a student withdraws from the program midway during the academic term due to personal reasons, such as applying for transfer to another program, changing majors, taking a leave of absence, or returning to their home country, and after counseling from the school, still decides to give up continuing in the program, or if the school, in accordance with its regulations, decides to withdraw or expel the student, the student is required to fully repay any industry-academia scholarship funds received. 2. If a student chooses not to work for the collaborating company or in a related industry field after graduation, and despite counseling from the school, the student is required to fully repay any industry-academia scholarship funds received. 3. If a student, after graduating and entering employment, violates company regulations leading to the lawful termination of the employment contract, and despite counseling from the school, the student should repay the industry-academia scholarship funds proportionally based on the number of months not employed; for a period less than one month, it will be counted as one month. 4. During the period of fulfilling the employment obligation after graduation, students are required to work in a position within domestic collaborating companies in Taiwan. They are not allowed to be dispatched to work at overseas branches or be employed by overseas Taiwanese-owned companies. If a student fails to comply with the requirement of domestic employment, they should repay the industry-academia scholarship funds proportionally based on the number of months not

	employed in Taiwan; for a period less than one month, it will be counted as one month. <u>義務規定</u> 1. 凡領取國家發展基金產學獎助金之學生，應依實際受領獎助年限，履行相對應期間之留臺工作義務。 2. 領取一年期產學獎助金者，畢業後應留臺工作一年；領取二年期產學獎助金者，畢業後應留臺工作二年。 <u>注意事項</u> 1. 學生於修業期間因個人因素中途退出本專班（包括申請轉系、轉學、休學、返國等），經學校輔導後仍決定放棄繼續就讀，或依校方相關規定遭退學或開除學籍者，應全額返還已領取之產學獎學金款項。 2. 學生畢業後未依規定至合作企業或相關產業領域就業，經學校輔導仍未履行就業義務者，應全額繳還已領取之產學獎助金。 3. 學生畢業後就業期間，如因違反公司規定致合法終止勞動契約，經學校輔導後，應依未履行就業義務之剩餘月份比例繳還產學獎助金；未滿一個月者，以一個月計算。 4. 學生於履行畢業後就業義務期間，應受僱於我國境內之合作企業從事相關職務，不得派駐海外分公司或任職於海外臺資企業；未依規定於國內就業者，應按未履行期間比例繳還產學獎助金，未滿一個月者，以一個月計算。
Scholarship 獎助學金	1. Tuition & Fees Subsidy: (1) Year 1: NT\$100,000 (2) Year 2: NT\$100,000 (<i>Subject to passing TOCFL A2 Listening & Reading, plus university & partner enterprise evaluations</i>) 2. Administrative Fee & One-way Airfare: (1) The administrative fees have a maximum limit of NT\$10,000. (2) The one-way airfare is based on the most direct economy class flight to Taiwan. (Reimbursed with a maximum limit of NT\$9,000) 3. Enterprise Living Allowance / Internship Allowance: (1) Year 1: Monthly living allowance of NT\$10,000. (2) Year 2 (Internship Period): Monthly internship allowance of NT\$29,500. 1. 學雜費補助 (1) 第一學年補助新臺幣 10 萬元整。 (2) 第二學年補助新臺幣 10 萬元整；惟須通過華語文能力測驗(聽力與閱讀)A2 級(含)以上，並通過學校及合作企業之學業與實習表現審查，始得核發。 2. 行政費及機票補助 (1) 行政費補助以新臺幣 1 萬元為上限。 (2) 來臺單程機票補助以最直接航線之經濟艙票價為準，補助上限為新臺幣 9,000 元，採實報實銷方式辦理。 3. 企業生活津貼/實習津貼 (1) 學生於修業期間(第 1 年)，合作企業每月提供生活津貼新臺幣 10,000 元。

(2)學生於第 2 年實習期間，合作企業每月提供實習津貼新臺幣 29,500 元。

Introduction
of the
Program
本專班介紹
及專班特色

This program is built around the core philosophy of **“Learning through Practice, Connecting Internships with Employment, and Building a Better Future through Professional Expertise.”** By integrating Kun Shan University’s high-quality engineering education with the resources of Taiwan’s high-tech industries, the program aims to cultivate international engineering professionals with three core competencies: **Smart Manufacturing, Product Testing, and Quality Engineering**. The curriculum covers smart manufacturing, electrical and electronic engineering, automation, product testing, failure analysis, and quality engineering. It also incorporates industry-based training and hands-on projects, enabling students to truly **“Learn by Doing.”**

A key feature of this program is its close collaboration with Taiwan’s high-tech companies in talent development. Through a complete pathway of **“Professional Learning → Industry Training → Internship → Employment,”** students gain early exposure to real-world industrial environments, develop practical engineering skills, and accumulate valuable international workplace experience. After graduation, they will be well prepared to pursue career opportunities in Taiwan’s high-tech industries.

Studying at Kun Shan University is more than earning a degree—it is the beginning of a pathway toward Taiwan’s high-tech industries and an international engineering career. We warmly welcome ambitious and motivated young people from the Philippines to join KSU, develop professional expertise in Taiwan, strengthen their capabilities, and create a brighter future!

本專班以「學習即實務、實習接軌就業、專業成就未來」為核心，結合崑山科技大學優質工程教育與臺灣高科技產業資源，培育具備 **Smart Manufacturing、Product Testing 及 Quality Engineering** 三大核心能力的國際工程人才。課程涵蓋智慧製造、電子電機、自動化、產品測試、故障分析及品質工程，並導入企業實務與專題訓練，讓學生真正做到 **Learning by Doing**。

本專班最大特色是與臺灣高科技企業共同培育人才，透過「**專業學習→企業培訓→實習→就業**」完整路徑，讓學生在就學期間即接觸真實產業環境、累積工程實務及國際職場經驗，畢業後更有機會銜接臺灣高科技產業工作。

來崑山科大，不只是取得一張學位，更是開啟一條通往臺灣高科技產業與國際工程師職涯的道路。我們歡迎有夢想、有行動力的菲律賓青年加入崑山，在臺灣學專業、累積實力、創造更好的未來！

Curriculum
Planning
課程規劃

The curriculum of this program is specifically designed to meet the professional workforce needs of our partner companies, particularly for positions such as **Industrial Engineering Design Engineers, Product Test Engineers, and Quality Assurance Engineers**. Students will develop essential professional competencies in **electrical and electronic engineering, programming, automation and control, smart manufacturing, AI and data analytics, product testing and measurement, reliability analysis, fault diagnosis, quality management, and process improvement**.

Through **hands-on projects, collaborative teaching with industry experts, case studies, and off-campus internships**, students will gain practical experience and learn to apply theoretical knowledge to real-world applications in **product manufacturing, testing, quality assurance, and validation**, preparing them with the technical expertise and problem-solving skills required by Taiwan’s high-tech industries.

本專班課程設計特別對應合作企業所需之**工業工程設計工程師、產品測試工程師及品保工程師**職務，培養學生具備電子電機基礎、程式設計、自動化控制、智慧製造、AI 與資料分析、產品測試與量測、可靠度分析、故障診斷、品質管理及製程改善等專業技能。並透過專題實作、企業業師協同教學、案例分析及校外實習，使學生能將理論知識應用於實際產品製造、測試與品質驗證工作。

(一) 專班之畢業應修學分數

Minimum graduation credits: 48 credits, including 42 required credits (of which 18 credits are allocated to off-campus industrial internships) **and** 6 elective credits.

畢業學分數：共48學分，含必修42學分(其中校外實習占18學分)、選修6學分。

(二) 課程規劃表

Course Title	Hours	Required/Elective	Credits	Year/Semester
實用生活華語(一)-基礎級 Situational Chinese(I)-Waystage Level	3	Required	3	First Year, First Semester
職場溝通華語-基礎級 Chinese for Workplace Waystage Level	3	Required	3	First Year, First Semester
智慧製造與產品測試工程導論 Introduction to Smart Manufacturing and Product Testing Engineering	3	Required	3	First Year, First Semester
工業工程與產線規劃 IE & PP	3	Required	3	First Year, First Semester
工業通訊與 IoT 應用 Industrial Communication and IoT Applications	3	Elective	3	First Year, First Semester
智慧製造資料分析與視覺化 Smart Manufacturing Data Analysis and Visualization	3	Elective	3	First Year, First Semester
實用生活華語(二)-基礎級 Situational Chinese(II)-Waystage Level	3	Required	3	First Year, Second Semester
華語文能力測驗聽力閱讀-基礎級 Chinese Listening and Reading Comprehension -Level 2	3	Required	3	First Year, Second Semester
生產排程與製程改善 Production Scheduling and Process Improvement	3	Required	3	First Year, Second Semester
AI 品質檢測與 AOI 概論 Introduction to AI Quality Inspection and AOI	3	Required	3	First Year, Second Semester
電子產品組裝與測試基礎 Fundamentals of Electronic Product Assembly and Testing	3	Elective	3	First Year, Second Semester
產線治具與夾具設計實務 Practical Design of Production Line Jigs and Fixtures	3	Elective	3	First Year, Second Semester
企業校外實習 (一) Corporate Internship (I)	40	Required	9	Second Year, First Semester
企業校外實習 (二) Corporate Internship (II)	40	Required	9	Second Year, Second Semester

Employment career: Students should work in Taiwan after graduation for at least 2 years in the partnering enterprise.

本專班畢業生需進入合作企業在台工作至少兩年。

*** **Collaborating Company** 合作企業: (30 positions)

神雲科技股份有限公司(30 個職位)

MiTAC Computing Technology Corporation (30 positions)

Website : <https://www.mitaccomputing.com/>

Job Opportunities 職務需求：

- 工業工程設計工程師／10 人
Industrial Engineering Design Engineers – 10 positions
- 產品測試工程師／15 人
Product Test Engineers – 15 positions
- 品保工程師／5 人
Quality Assurance (QA) Engineers – 5 positions

Role Responsibilities 工作概述：

1. 工業工程設計工程師：生產線製造流程設計、設備及工作空間配置、治具與夾具設計、技術文件與簡報製作，並理解 Cold Plate 與 Cooling Loop 結構及製程最佳化。
Industrial Engineering Design Engineer : Responsible for production line process design, equipment and workspace layout, fixture and jig design, preparation of technical documentation and presentations, and understanding the structure and process optimization of Cold Plate and Cooling Loop systems.
2. 產品測試工程師：具 Linux 與 C/C++ 程式開發能力，負責 End Test 程式撰寫與維護、測試計畫制定、測試設備規格定義、TPI/DFT/MM 等技術文件、NPI 工程支援與量產異常排除。
Product Test Engineer : Proficient in Linux and C/C++ programming. Responsible for End Test program development and maintenance, test plan development, test equipment specification definition, preparation of technical documentation (TPI, DFT, MM), New Product Introduction (NPI) engineering support, and troubleshooting production issues during mass production.
3. 品保工程師：具 Six Sigma、DFSS 與品質工程能力，負責產品品質判定標準建立、製程／物料／產品品質稽查、品質問題分析改善及製程統計管理。
Quality Assurance (QA) Engineer : Knowledgeable in Six Sigma, Design for Six Sigma (DFSS), and quality engineering. Responsible for establishing product quality acceptance criteria, conducting process, material, and product quality audits, analyzing and resolving quality issues, and performing statistical process control (SPC).

報名網站 Application Website	報名網站 Application Website : https://eng-web.ksu.edu.tw/DAIOISP/page/62351 https://intactbase.ksu.edu.tw/ksu/apply 
專班聯繫人 Contact	Department: Department of Electric Vehicles and Intelligent Electronics Engineering Name: Chih-Wei Chiang (江智偉) Professor Tel.: +886-6- 2727175 ext.274 Email: cwchiang@mail.ksu.edu.tw 單位：電動車暨智慧電子工程系 姓名：江智偉 教授 電話：+886-6- 2727175 ext.274 Email: cwchiang@mail.ksu.edu.tw 

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Notices 其他申請注意事項

- 一、報名時繳交之「畢業證書」及「歷年成績單」，除海外臺灣學校所發者外，應依教育部「大學辦理國外學歷採認辦法」規定辦理。

The diploma and transcript submitted for application review shall first be authenticated in accordance with the rules promulgated by the ROC Ministry of Education, except for diplomas and transcripts issued by overseas Taiwanese or overseas Chinese schools.

- 二、已報名或錄取之學生，如經發現申請資格不符規定或所繳交之證件有變造、偽造、假借、冒用等不實情事者，未入學者即取消錄取資格；已入學者開除學籍，亦不發給任何學歷證明；如將來在本校畢業後始發現者，除勒令繳銷其學位證書外，並公告取消其畢業資格。

Admission shall be denied and / or the student shall be dismissed from KSU after admission if there are any violations of the general academic honor code and / or in the authenticity of the applicant's documents. Those who have graduated shall have their diploma revoked

- 三、115 學年度收費標準 (115 學年標準如下)

Tuition and Miscellaneous Fee Standards for the 2026-2027 Academic Year

(一) 學雜費收費基準 Basis for Tuition and Miscellaneous Fees

新臺幣 NTD / 每學期 Per Semester

適用學生 Applicable Program	系所 Department	學費 Tuition	雜費 Miscellaneous fee	總計 Total
學士後 Post-Baccalaureate	電動車暨智慧電子工程系 Department of Electric Vehicles and Intelligent Electronics Engineering	38,694 元	13,512 元	52,206 元

(二) 其他收費及住宿費標準如下表(依 115 學年標準)

Please refer to the table below for other fees and accommodation fee standards.

其他費用 Other Fees	費用(新臺幣)/每學期 Fees (NTD) / Per Semester	備註 Remarks
電腦及網路通訊使用費 Computer and Internet Communication Fees	300 元	電腦及網路通訊使用費 Computer and Internet Communication Fees
電腦實習費 Computer Lab Fees	1370 元	電腦實習費 Computer Lab Fees
學生團體保險 Student Group Insurance	560 元	學生團體保險 Student Group Insurance
住宿費 Dormitory	16,100 元~23,000 元 (寒暑假住宿費另計 Accommodation fees for winter and summer vacations are calculated separately.)	套房依房型 2~3 人 Suites: 2-3 people depending on room type

註：宿舍費收費標準公告：總務處/檔案法規/宿舍費收費標準

Note: Dormitory Fee Charging Standards Announcement: General Affairs Office / Archive Regulations / Dormitory Fee Charging Standards

<https://my.ksu.edu.tw/file/web/CHT/DAGA000/de151e46-2469-465b-a2aa-fd5592d55c10.pdf>

四、115 學年度崑山科技大學新型專班學雜費收費概況表

Overview of Tuition and Fee Reductions for the 2026-2027 INTENSE PROGRAM of Kun Shan University

新臺幣 NTD/每學期 per semester

項目 Item	原訂學雜費 Original Tuition (NTD)	政府補助 Government Subsidy (NTD)	學校補助 University Subsidy (NTD)
第一學期(在校) First Semester (On Campus)	52,206	-50,000	-2,206
第二學期(在校) Second Semester (On Campus)	52,206	-50,000	-2,206
第三學期(實習) Third Semester (Internship)	52,206	-50,000	-2,206
第四學期(實習) Fourth Semester (Internship)	52,206	-50,000	-2,206
合計 Total	208,824	-200,000	-8,824

- For the second year, tuition subsidy will be awarded to the best candidates subject to performance review.



五、預估在台支付費用

Estimated expenses in Taiwan (The fee may be subject to change as appropriate.)

項目 Item	費用 Fees
6 個月外國新生醫療保險(註 Note) 6 months New International Students' Medical Insurance(NISMI) (Note) : 依據教育部規定，所有外國新生於符合臺灣全民健康保險（NHI）投保資格前，皆須投保為期六個月之外國學生醫療保險，以保障在臺期間之醫療權益與健康安全。相關保險費用由學生自行負擔。 According to the regulations of the Ministry of Education (MOE), all new international students must enroll in the International Student Medical Insurance program for the first six months before becoming eligible for Taiwan's National Health Insurance (NHI). This requirement is intended to ensure adequate medical coverage during their stay in Taiwan. Students are responsible for the insurance premium.	NTD 3,000
宿舍保證金 Dormitory deposit (It will be returned when student graduates)	NTD 3,000
宿舍房卡押金 Dormitory room card deposit (Return the deposit after receiving the student ID card)	NTD 300
健康檢查 Body Health Check-up	NTD 600 / semester
學生團體保險 Student Group Insurance	NTD 560 / semester
電腦實習費 Computer Lab Usage Fee	NTD 1,370
電腦及網路通訊使用費 Computer and Internet Usage Fee	NTD 300 / semester
外僑居留證 Alien Resident Certificate (ARC)	NTD 1,000 / year
銀行開戶 Bank Account opening (Deposit NT\$1,000, refundable after account activation)	NT\$1,000
全民健康保險 National Health Insurance (NHI) (After six months of continuous residence)	NTD 4,956 / 6 Months

- For more details, please refer to: Kun Shan University - 2027 International Industrial Talents Education Special Program (INTENSE Program) Application Information Spring Program.

更多內容請詳閱：崑山科技大學-2027 國際產業人才教育專班(新型專班)(春季)申請入學招生簡章。