

KUN SHAN UNIVERSITY - 2027 Spring Program

—Admission Brochure—

Mechatronics and Intelligent Firmware Technology Program 專班名稱: 機電整合與智慧韌體技術碩士專班	
Degree 學位	Master Degree / 碩士學位
College 學院	College of Engineering/ 工程學院
Department 學系	Department of Electrical Engineering / 電機工程系
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). - Statement of purpose - 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. ***Notes 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.

義務規定

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。

注意事項

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 (*Subject to passing TOCFL A2 Listening & Reading, plus university & partner enterprise evaluations*)

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	Program Overview & Mission - Driven by industry demand, this program is a powerful collaboration between Kun Shan University and MiTAC Computing Technology Corp. Conducted entirely in English, this elite program welcomes 12 top-tier international students from the Philippines. We are dedicated to fueling industrial transformation, addressing the urgent demand for mechanical and firmware talents, and empowering your future career in Taiwan's thriving tech sector. 3 Core Highlights of the Program Deep Industry Integration MiTAC is fully involved from day one—participating in talent selection, curriculum design, and hands-on internship training to perfectly align with real-world tech careers. Nurturing for Guaranteed Employment Focusing on advanced engineering and technology training, this program bridges the gap between graduation and employment, offering direct pathways to stay and work at MiTAC. Comprehensive Financial Support Jointly funded by the Taiwan government and MiTAC, the program covers full 2-year tuition fees and administrative costs, while providing monthly living allowances and high-paying internship stipends. 1. 專班宗旨與介紹 - 本專班因應合作企業中對於高階技術人才需求及強化國內人力結構，以企業用人需求為導向。專班採全英文授課，預計招收 1 班共 12 名菲律賓籍優秀國際生。旨在對應國內產業永續轉型與機械領域人才迫切需求，配合我國人口政策與產業布局，強化國內人力結構。 2. 專班三大核心特色 產企深度融合：企業全程參與招生選才、課程教學及實習培育，精準對接企業職缺。 共同培育留才：專注培育機械領域技術人才，學生畢業後直接留用合作企業發展就業。 優渥資源支持：政府與企業共同補貼，提供 2 年學雜費、生活津貼與高額實習津貼。
Curriculum Planning 課程規劃	Curriculum & Career Roadmap Duration: 2 Years (1 Year Intensive On-Campus Classes + 1 Year Full-Time Corporate Internship) Total Credits Required: 52 Credits 1. Chinese Language & Workplace Communication (12 Credits Compulsory) Practical Training: Includes Everyday Mandarin, Workplace Communication, and professional TOCFL exam prep. 1-on-1 Mentorship: Free personalized tutoring ensures you pass the TOCFL A2 proficiency test before Year 2. 2. Core Professional Program (34 Credits Compulsory) Mechatronics & Control: Master Programmable Logic Controller (PLC) applications, advanced mechatronics practices, and research seminars. Full-Year Corporate Internship: Spend your entire 2nd year gaining hands-on, paid engineering experience directly inside the industry (18 Credits). Industry-Linked Thesis: Conduct practical, real-world research for your Master's thesis closely tied to advanced industrial technologies (6 Credits).

3. Advanced Elective Courses (Min. 6 Credits Required)

Explore cutting-edge tech trends with specialized courses:

- Semiconductor Process Technology
- Modeling and Control of Power Electronics
- Semiconductor Equipment and Detection
- Electro-Optic Engineering and Applications

本課程規劃本專班修業年限為 2 年（包含 1 年校內密集課程與 1 年校外企業實習），畢業總學分為 52 學分。

1. 華語與職場溝通課程（12 學分必修）

- 包含實用生活華語、職場溝通華語及 TOCFL 證照輔導。
- 實施一對一華語小老師制度，確保學生在第二學年前通過 TOCFL A2 檢定。

2. 核心專業課程（34 學分必修，含實習與論文）

- 機電與控制實務：可程式控制器應用、機電整合實務、專題討論。
- 企業實務實習：第二學年全面進入產業進行校外實習（共 18 學分）。
- 產學應用論文：撰寫與產業技術緊密相關的碩士畢業論文（6 學分）。

3. 領域選修課程（至少選修 6 學分）

- 開設半導體製程技術、電力電子模式分析與控制、半導體設備與檢測、光電工程與應用等前沿技術課程。

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:

神雲科技股份有限公司(12 個職位)

MiTAC Computing Technology Corporation (12 positions)

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

Career Opportunities & Role Responsibilities

Total Openings: 12 Position-linked Slots

■ System Integration Test Engineer (6 Openings)

- Your Role: Drive software-hardware integration and validation.
- The Mission: Execute cross-platform testing to ensure ultimate system stability and performance.

■ Firmware Engineer (6 Openings)

- Your Role: Develop and optimize low-level embedded software.
- The Mission: Write clean, efficient code to achieve seamless control between hardware and software.

職務需求：

■ 系統測試工程師/6 人

■ 韌體工程師/6 人

未來的願景
Future map

	工作職責： ● 系統整合測試工程師:負責軟硬體串聯驗證，確保系統穩定運行。 ● 韌體工程師:開發與優化底層程式，實現軟硬體完美控制。
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 Electrical Engineering Name: Huang, Chin-Chuan (黃金泉) Assistant Professor Tel.: +886-6- 2050518 Email: erstad.alomar@gmail.com 單位：電機工程系 姓名：黃金泉 助理教授 電話：+886-6- 2050518 Email: erstad.alomar@gmail.com 

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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
碩士班 Master's Program	電機工程系 Dept. of Electrical 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。