

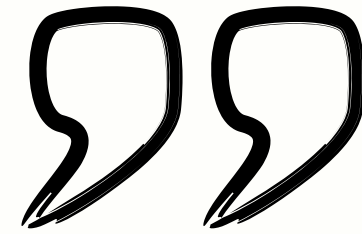


NATIONAL FORMOSA UNIVERSITY

DEPARTMENT OF ELECTRONIC ENGINEERING

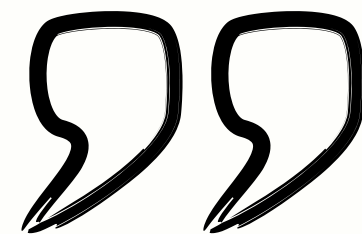
DEE News Issue No. 3





GRADUATION

Class of 2026 Graduation Ceremony





We have graduated...

Every ending marks the beginning of a new adventure.

GO BEYOND

GRADUTATION HIGHLIGHTS

2026 / 6 / 6

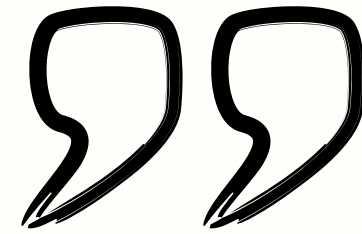
Graduation | GO BEYOND – Class of 2026 Tassel-Turning Ceremony

Surrounded by the blessings of faculty members, family, and friends, our graduates celebrated one of the most significant milestones in their lives.

Every smile and every photograph captures the unforgettable memories of youth and embodies the spirit of **GO BEYOND**.

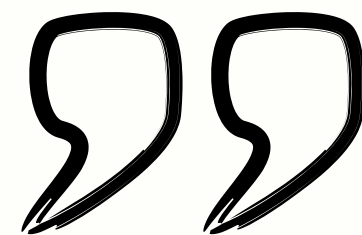
These moments will remain precious memories of their university life.





EXPERIENCE SHARING

Industry–Academia
Collaboration Program





Yu-Chen Tsai

Graduate of Department of Electronics,
National Hualien Industrial
Vocational High School



Chun-Ting Chen

Graduate of Department of
Electrical Engineering,
Chi-Shan Agricultural & Industrial
Vocational High School



Pin-Yu Chen

Graduate of Hua Chiao Senior
High School

Industry–Academia Collaboration × Continuous Improvement

Three Students from the Department of Electronic Engineering's Industry–Academia
Collaboration Program Admitted as Pre-Master's Program

The Beginning of the Industry–Academia Collaboration Program and Everyday Challenges

Balancing Work and Academic Studies



Why I Chose the Industry–Academia Program at National Formosa University

- **A National University with Strong Industry Connections**
 - As one of Taiwan's leading national universities of science and technology, National Formosa University has developed a well-established industry–academia collaboration program. It provides technical and vocational students with an outstanding starting point for their future careers.
- **Financial Stability and Practical Experience**
 - Yu-Chen Tsai and Chun-Ting Chen shared that when deciding between a traditional university program and the Industry–Academia Collaboration Program, they chose the latter because it offers stable financial support, helps reduce their families' financial burden, and provides valuable first-hand experience in the semiconductor and electronics industries.



Learning Together

- **Academic Challenges**
 - Courses like Calculus, Engineering Mathematics, and Electronics require a solid theoretical foundation. For students who intern during the day and attend classes at night, balancing work and study requires exceptional dedication and perseverance.
- **Intensive Exam Study Sessions**
 - To prepare for exams, the three students met every two weeks to study together. Chen Pin-Yu, affectionately nicknamed as “The Buddha,” organized key exam topics and study notes. Before each exam, they held an intensive review session, showcasing their strong teamwork and mutual support.

Why Apply to the Pre-Master's Program?

- **Workplace Competitiveness**

They agreed that the high-tech semiconductor and packaging/testing industries place great value on a master's degree. Compared with a bachelor's degree, a master's offers stronger advantages in both starting salary and career advancement.

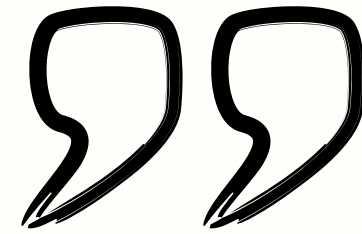
- **Professional Skills Development**

The three students hope to further strengthen their professional knowledge through graduate studies and enhance their future competitiveness.

- **Long-Term Goals**

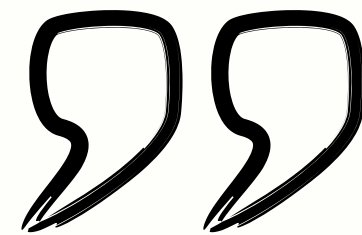
Chen Chun-Ting even shared that after completing his master's degree, he may continue pursuing a doctoral degree.

Making the most of the motivation to learn and striving for the next stage of personal and professional growth.



EXPERIENCE SHARING

My Internship Journey at MediaTek



Huang Yi-Yun

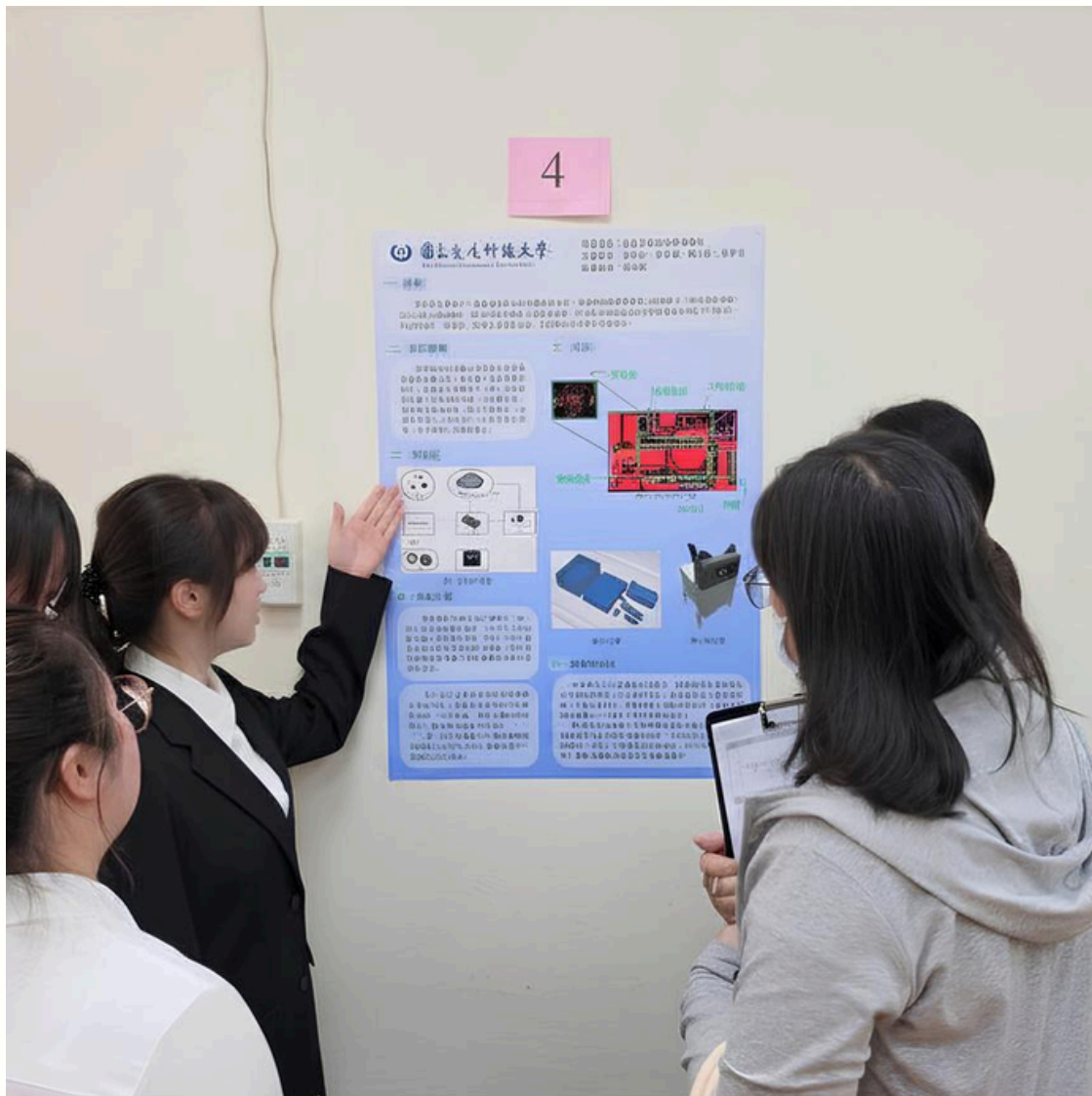
Fourth-Year Student, Class A, Department of Electronic Engineering

Graduated from the Department of Information Technology, Yi Min Senior High School



- **Taking on a Top-Tier Industry Challenge**
 - Huang will soon begin a PCB layout internship at MediaTek, a leading IC design company. Despite humbly calling herself "still a beginner," she is eager to learn and ready to build hands-on experience through intensive industry training.
- **Embracing AI for Problem Solving**
 - With only four interns in the department and limited on-site guidance, Huang demonstrates adaptability and a digital mindset. When facing challenges, she proactively leverages AI to solve problems, reflecting the initiative and resilience of a new generation of technology professionals.
- **Driven to Go Further**
 - Huang has a clear vision for her career and recognizes the limitations of her current salary structure as a high school graduate. Motivated to advance her professional value and career prospects, she is determined to pursue a master's degree.

Thoughts and Reflection



- **Embracing Language Challenges Beyond Her Comfort Zone**
 - Coming from Yi Min Senior High School's Information Technology program, Huang faced MediaTek's all-English training with initial anxiety but chose to embrace the challenge. She set improving her English skills as a key internship goal, demonstrating the resilience to turn weaknesses into strengths.
- **Practical Financial Planning and Self-Management**
 - Huang demonstrates a mature and practical approach to managing her internship income, balancing savings for future graduate studies with personal enjoyment. She shows the ability to prepare for the future while maintaining a healthy balance between work and life.
- **Independent Workplace Adaptability**
 - Facing an unfamiliar environment where she and her classmates are assigned to different teams, Huang chooses to step beyond her comfort zone with a positive mindset. Her open and natural approach to workplace relationships reflects strong emotional stability and adaptability.



Hsieh Ta-Wei

Fourth-Year Student, Class A, Department of
Electronic Engineering
Graduated from the Department of
Electronics, Rueifang Industrial High School



- **Hardware Expertise and Hands-On Skills**

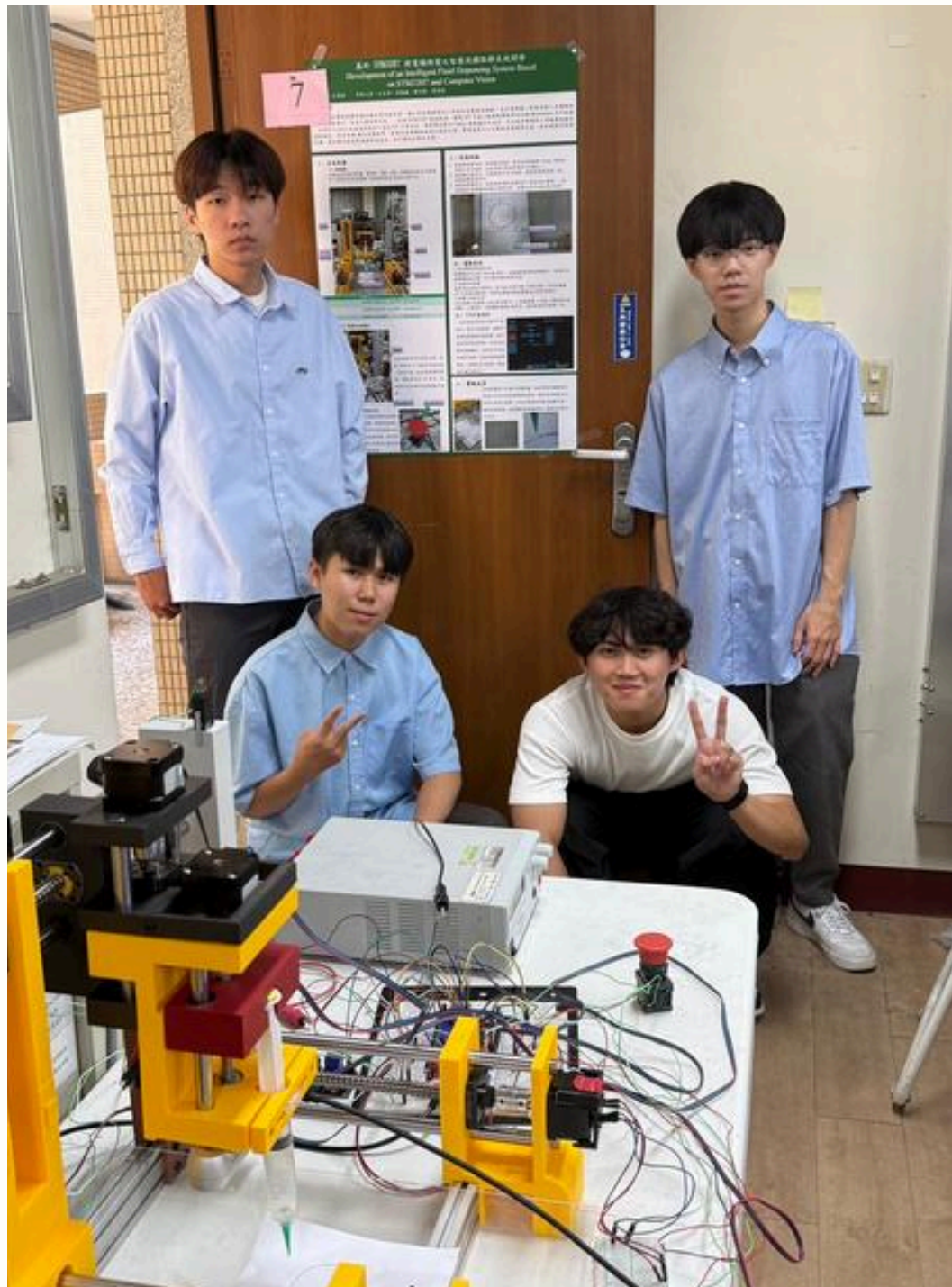
- Stronger in electronic circuits, hardware implementation, and PCB layout than programming. In his graduation project, the team independently completed everything from mechanical and circuit design to programming, demonstrating excellent end-to-end implementation skills.

- **A Proactive Approach to Career Development**

- Since the second half of his second year, Hsieh has actively attended nearly every campus recruitment event. Beyond listening to presentations, he engaged with hiring managers and HR representatives to better understand industry expectations and prepare for future opportunities.

- **Strong Drive and Determination**

- Hsieh believes that once he sets a goal, he is willing to invest extra time and effort to achieve the best possible results.



ACADEMIC JOURNEY AND GROWTH



- **Finding Direction as a Freshman**
 - Initially uncertain about his future in electronic engineering, Hsieh struggled academically, including failing calculus. He even considered taking a leave of absence or switching to a business or foreign languages program.
- **A Turning Point in His Second Year**
 - Inspired by Professor Chen Wen-Jui and encouraged by Professor Kuo Yung-Ming, Hsieh dedicated himself to his studies. He rose to 8th in his class and demonstrated strong talent in electronic circuit design.
- **Efficient Learning in His Third Year**
 - Through consistent effort, Hsieh completed all graduation credits by the end of his third year, earning the opportunity to spend his fourth year in a full-time industry internship.



**EVERY ENDING
IS THE BEGINNING
OF SOMETHING GREATER.**



*Every journey's end marks the beginning
of a new and exciting chapter.*

SEMICONDUCTOR SMART MANUFACTURING PROGRAM – PARTNER VOCATIONAL HIGH SCHOOLS



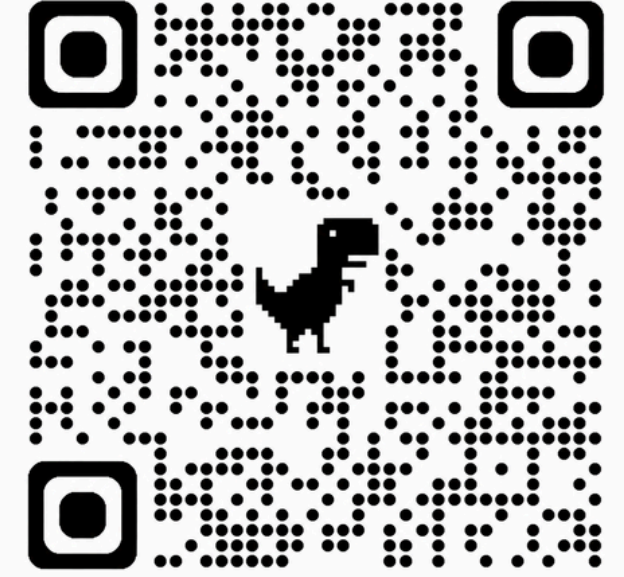
**Yuanlin Chung Shih Industrial
Vocational High School**



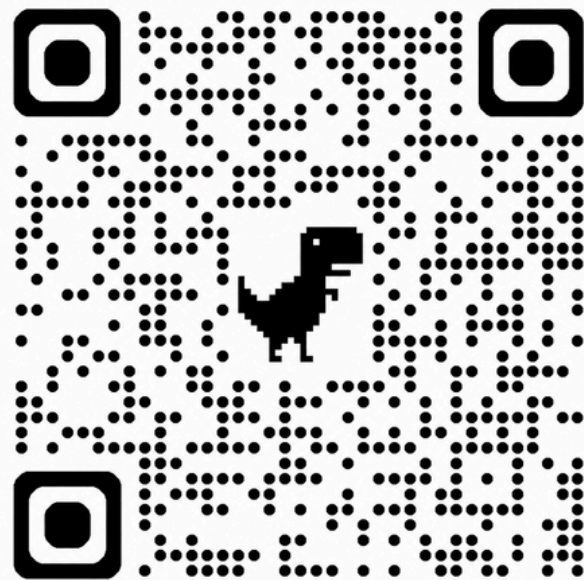
**Yeong-Jing Industrial
Vocational High School**



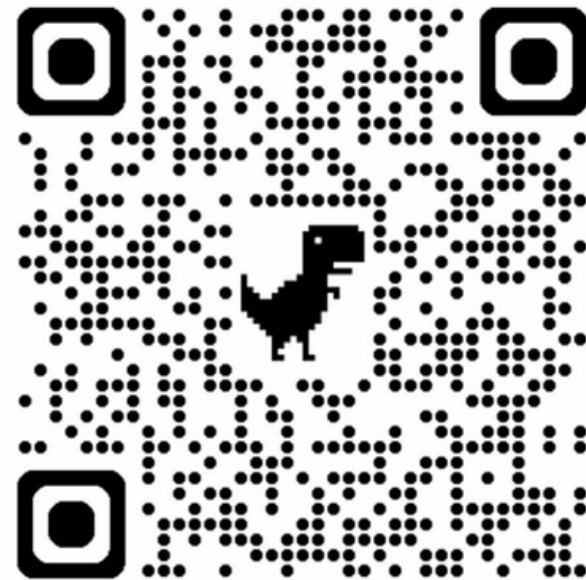
**Shiou Shuei Industrial
Vocational High School**



**Er Lin Industrial and Commercial
Vocational High School**



**Huwei Agricultural and Industrial
Vocational High School**



**Beigang Agricultural and
Industrial Vocational High School**



**Xiluo Agricultural and Industrial
Vocational High School**



**Min Xiong Agricultural and
Industrial Vocational High School**