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Admissions to Taiwan Tech | https://admissions.ntust.edu.tw/

Join Us to Drive High-Impact Global Solutions

Sustainable Electrochemical Energy Development Center

The Sustainable Electrochemical Energy Development Center (SEED) at Taiwan Tech is an industry-focused research hub focused on the future of energy. Our core mission is to pioneer battery storage and hydrogen conversion technologies. This work is underpinned by two foundational scientific areas: Advanced Materials Analysis and Theoretical Computational Simulation. We aim to establish crucial links between electrochemical energy materials and green manufacturing within Taiwan, contributing directly to the nation's Net-Zero/Carbon Neutrality goals. SEED is dedicated to addressing the complex talent, technology, and regulatory needs of future sustainable societies. Our ultimate ambition is to become an internationally renowned center known for both academic leadership and significant contributions to industry.

Intelligent Manufacturing Innovation Center

The Intelligent Manufacturing Innovation Center (IMIC) builds upon the Cyber-Physical System Innovation (CPSi) legacy, recognizing the Cyber-Physical System (CPS) as the core of Industry 4.0. Leveraging the joint expertise of President Jia-Yush Yen (Taiwan Tech) and Professor Wen-Yuh Jywe (NTU), IMIC drives AI system applications by integrating advanced technologies like Professor Jywe's machine tool platform with Taiwan Tech's strengths in AR/VR and Digital Twin construction. Key research areas include Robotics, Precision Control, AI Inspection, Cyber Security, and critically, Energy Conservation and Carbon Reduction (ECCR). We are committed to fostering innovation that shapes the future of manufacturing.

Heterogeneously-integrated Silicon Photonic Integration Center

The Heterogeneously-integrated Silicon Photonic Integration Center (HiSiPIC) aims to establish a world-class platform for Photonic Integrated Circuits (PICs). HiSiPIC addresses the lack of integrated platforms by leveraging fundamental silicon photonics to collaborate with industry and research institutions. Our core mission is to explore and develop heterogeneous integration platforms for critical components, including electronic chips, SiC, and InP devices. We provide photonic chip design, tape-out services, and specialized talent training. This effort supports national R&D policies, sustains Taiwan's global lead in the semiconductor industry, and injects fresh energy into the optoelectronic chip sector.

Empower Vocational Education Research Center

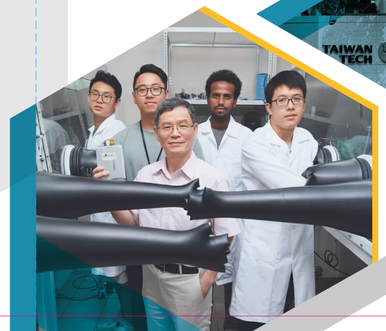
The Empower Vocational Education Research Center (EVERC) is Taiwan's pioneering institution solely dedicated to advancing vocational education. With a vision of cultivating high-quality, future-proof talents, the center actively integrates cutting-edge digital and contextualized learning methodologies. This strategic approach enhances students' self-directed learning capabilities, boosts motivation, and significantly improves technological literacy. As the national leader in this field, EVERC is deeply committed to working collaboratively with industry and society to create an outstanding environment for vocational talent development, thereby ensuring Taiwan's competitiveness in the global economy.

Taiwan Building Technology Center

The Taiwan Construction Technology Center (TBTC) was established in 2007 to drive the development of cutting-edge construction technology. Recognizing that the global building sector accounts for 37% of carbon emissions, the TBTC is strategically positioned to respond to challenges like climate change, net-zero carbon goals, and seismic safety. Our mission is to integrate cross-domain and international resources to develop solutions in disaster prevention, energy conservation, and intelligent management. We build comprehensive teams, promote urban renewal, and enhance the international competitiveness of Taiwan's construction industry, aligning with the vision of an applied research university.

The Future of Work: Built Here

Taiwan Tech demonstrates exceptional effectiveness in industry-academia talent cultivation. We rank #1 in Taiwan for R&D strength and alumni salaries (104 Job Bank 2025), reflecting our dedication to practical innovation. We accelerate the development of industry-ready AI talent through flagship partnerships, such as the NVIDIA x ASUS x Taiwan Tech AI Digital Twin Lab. This cutting-edge platform is the first of its kind in academia, providing students with advanced skills in generative AI and digital twin technologies to meet immediate industry demands.



Pioneering Research

Top 6 Research Areas (Data from SciVal 2020-2026)

- Engineering FWCI 1.14
- Computer Science FWCI 1.25
- Materials Science FWCI 1.17
- Chemistry FWCI 1.37
- Energy FWCI 1.17
- Social Sciences FWCI 2.16

Elite Faculty, High-Impact Research

950+ Faculty Staff

69 Professors in World's TOP 2% Scientists

9,832 Publications

42.3% Publications in Top 10% Journals

1.22 Average Field-Weighted Citation Impact

3400+ Collaborating Institutions (Data from 2000-present)

1900+ Patents (Data from 2000-present)

5 Top Research Centers

- Sustainable Electrochemical Energy Development Center
- Intelligent Manufacturing Innovation Center
- Heterogeneously-integrated Silicon Photonic Integration Center
- Empower Vocational Education Research Center
- Taiwan Building Technology Center

NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

TAIWAN TECH

PIONEERS OF SUSTAINABLE CHANGE

An International Applied Research University

Founded in 1974, the National Taiwan University of Science and Technology (Taiwan Tech) is Taiwan's first higher education institution dedicated to professional and technological advancement. Today, it stands as a comprehensive, research-oriented, and globally engaged university that bridges innovation, technology, and human-centered education.

Through academic excellence, interdisciplinary collaboration, and strong industry and international partnerships, Taiwan Tech empowers learners to think creatively, act responsibly, and lead globally. Its diverse programs integrate theory with practice to prepare professionals for the future of work and to make a meaningful social impact.

Rooted in research excellence and sustainability, Taiwan Tech embeds University Social Responsibility (USR) and ESG principles across its teaching, research, and community engagement. Welcoming students from over 60 countries, Taiwan Tech fosters a vibrant environment for global talent development—shaping leaders who drive innovation and positive change worldwide.

Taiwan's Premier TECH University

Best Technical University in Taiwan

Top 5 University in Taiwan

Taiwan Tech's Global Standing

QS WORLD UNIVERSITY RANKINGS

#345	#46	#266	#330	#380
Worldwide 2026	Asia 2026	Employer Reputation 2026	Academic Reputation 2026	Sustainability 2023

THE WORLD UNIVERSITY RANKINGS

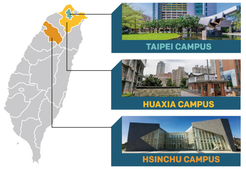
#436	#52	#74	#82	#31
Worldwide 2025	Young Worldwide 2025	Asia 2025	Global Employability 2025	Impact SDG9 2025

#1 International Outlook in Taiwan (THE 2024)

#1 in % Publications in Top 25% Journal Percentiles in Taiwan (2020-2024 CiteScore Percentile)

69 professors in world's TOP 2% scientists (Stanford University's 2025)

Location



Facts and Figures (2024 fall semester)

7 Colleges	**11,800+** Degree Students	**27** Research Centers
950+ Faculty Staff	**1,300+** Int'l Degree Students	**14.8** Net Citations per Paper

Students from 65 Countries

- **41% Indonesia**
- **10% Vietnam**
- **7% Ethiopia**

A Global Learning Hub

- Research cooperation
- Exchange program
- Dual Degree program
- Short-term study

35+ Dual Degree Programs

400+ Partner Universities

12% International Degree Student ratio #1 in Taiwan

1500+ International Students (including exchange students)

900+ English-taught Courses

40 English-taught graduate programs

Discover a truly international community right here in Taipei, where diversity is our strength.

A Leading International Hub
Home to the highest number of international students among Taiwan's top-tier technical universities, fostering a truly global community right on campus.

Multicultural Inclusion
We are committed to a multicultural and inclusive environment, featuring dedicated Muslim Prayer Rooms and readily available Halal food options to support all faiths.

Flexible, Global Learning
Offering a wide selection of English as a Medium of Instruction (EMI) courses across all disciplines, ensuring flexibility and global readiness in your academic path.

Connect with the Local Scene
Engage deeply with local Taiwanese culture through our unique programs focused on the history and community of the surrounding Taipei's South Side.

Departments and Institutes

All the departments offer master's and doctoral degree programs; over 80% of the courses are taught in English.

Engineering
- Mechanical Engineering
- Materials Science & Engineering
- Civil & Construction Engineering
- Chemical Engineering
- Automation & Control
- International Advanced Technology Program
- Global Development Engineering Program

Electrical Engineering and Computer Science
- Electronic & Computer Engineering
- Computer Science & Information Engineering
- Electrical Engineering
- Electro-Optical Engineering

Management
- Industrial Management
- Business Administration
- Information Management
- Finance
- MBA
- Technology Management

Design
- Design
- Architecture

Applied Sciences
- Applied Science & Technology
- Biomedical Engineering
- Color & Illumination Technology
- Patent
- Bachelor's Degree Program in Applied Science and Technology

Liberal Arts & Social Sciences
- Humanities & Social Sciences
- Applied Foreign Languages
- Digital Learning and Education

Industry-Academia Innovation
- Intelligent Manufacturing Technology
- AI Cross-disciplinary Technology
- Energy & Sustainability Technology
- Advance Semiconductor Technology

This is Taiwan Tech Way: Sustainability in Action

Taiwan Tech promotes social and environmental sustainability in both education and research. The university has gained recognition for its contributions to the University Social Responsibility (USR) initiatives, reflecting its commitment to addressing global challenges through education and research. ESG (Environmental, Social, and Governance) topics prominently feature in the university's courses and research, and several dedicated research centers explore these areas.

2030 50%

2049 100%

- Net-Zero Transition
- Sustainable Education
- Industry-Academia Collaboration and Social Impact
- Campus Culture and Governance

Taiwan Tech pledges to leverage technological innovation, education and research, and industry-academia collaboration as core driving forces. Our goal is to achieve net-zero emissions by 2049 while fulfilling our University Social Responsibility (USR) through concrete actions that respond to global sustainability needs.

Certified GHG Inventory **ISO14064-1:2018**

2500+ SDGs Courses per Year — primary focus SDG4, SDG9

6 USR Transnational projects — Taiwan, Indonesia, Vietnam, Japan, Nepal, Paraguay

3400+ 2025 SDGs Publications — primary focus SDG7, SDG9