



國立勤益科技大學
NCUT
National Chin-Yi University of Technology

University : National Chin-Yi University of Technology
Country : Taiwan
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[SDGs 17] Partnership for the Goals

[17.4.1] Does your university as a body have a commitment to meaningful education around the SDGs across the university, that is relevant and applicable to all students?

Yes. NCUT (National Chin-Yi University of Technology) has an institutional commitment to meaningful education around the SDGs (Sustainable Development Goals), and it is designed to be relevant and applicable to all students across the university.

University-wide Integration

NCUT has made a clear institutional commitment to embed the **SDGs (Sustainable Development Goals)** across the university. Its development direction is as a “pragmatic and innovation-oriented high-quality industrial science and technology university,” ensuring that sustainability and responsibility are relevant and applicable to all students.

- **Educational Philosophy:** NCUT follows the principles of “*education has nothing but role models*” and “*taken from society, use for society.*” This philosophy ensures that every student’s learning experience integrates humanistic literacy, professional competence, social responsibility, and a global perspective
- **Cross-disciplinary Learning:** Students have access to **cross-field credit courses, micro-credit programs, and special topic courses** that combine theory with practice. This helps them apply sustainability knowledge in real industrial and community contexts

Green University and Sustainable Campus

- Since 2009, NCUT has been recognized as one of the 13 Green University Model Schools under the Ministry of Education’s program.
- Campus planning emphasizes a sustainable, safe, friendly, healthy, and environmentally responsible learning environment. This includes energy efficiency, recycling, green building practices, and health initiatives
- The university nurtures a culture of inclusivity, harmony, and social care, ensuring equal opportunities for disadvantaged and diverse student groups.

Industry, Community, and Policy Engagement

- NCUT fulfills its **University Social Responsibility (USR)** through partnerships with local communities, industries, and government bodies.



- The university's prime location near major industrial zones allows it to act as both a "cradle of industrial talent cultivation" and a "base of technology research and development."
- Strategic collaboration with industries ensures students gain practical skills aligned with sustainability-oriented national and global policies

Integration Across Teaching and Learning

- NCUT embeds sustainability concepts and SDGs into the general education curriculum and across all five colleges (Engineering, EECS, Management, Humanities & Creativity, and General Education).
- Students are required to participate in service-learning (54 hours) that includes resource recycling, environmental protection, and social responsibility, ensuring every graduate is exposed to sustainability in practice.
- Specialized courses and micro-credits (such as energy conservation, carbon reduction, ESG literacy, and green innovation) are incorporated into both undergraduate and graduate programs.

Campus-wide Initiatives

- The Carbon Neutrality Center (est. 2022) and the Sustainable Development Center lead campus-wide educational programs. These include mandatory carbon inventory training, ISO 14064-1/14067 courses, and Green Collar Talent initiatives, making sustainability education directly applicable to students' future careers.
- The university organizes events such as Gaia Day tree planting, USR (University Social Responsibility) projects in local communities, and environmental competitions, which involve both students and faculty.

Accessibility to All Students

- NCUT ensures that sustainability education is not limited to specific majors. For example, students in design, management, and engineering all take part in paperless campaigns, waste classification, food waste recycling, water and energy reuse practices, and sustainability reporting.
- International exchanges and collaborative projects (with universities in Japan, Czech Republic, Indonesia, Thailand, etc.) also integrate SDG-related themes, ensuring students gain global perspectives on sustainable development.

Alignment with SDGs

- NCUT links these actions explicitly with the **United Nations SDGs**, particularly **SDG 4 (Quality Education)**, **SDG 7 (Affordable and Clean Energy)**, **SDG 11 (Sustainable Cities and Communities)**, **SDG 12 (Responsible Consumption and Production)**, and **SDG 13 (Climate Action)**.
- The university also participates in global ranking frameworks like **THE Impact Rankings** and **UI GreenMetric**, which require evidence of education for all students around sustainability and SDGs.

NCUT as a whole body commits to embedding SDG-related education into curricula, campus practices, and extracurricular activities, making sustainability learning relevant and applicable to every student regardless of discipline.



▲ Beach cleaning in Yuguang Island, Tainan



Students are required to participate in service-learning (54 hours)

Carbon Neutral Lectures

Achieving net-zero emissions by 2050 is a major transformational project that spans generations, disciplines, and nations, affecting Taiwan's competitiveness and environmental sustainability.

NCUT supports sustainable development by organizing related lectures and activities, continuously nurturing talent, and enhancing industry sustainability. Through practical assistance, such as helping SMEs conduct carbon inventories and optimizations, we foster industry growth, turn climate risks into opportunities for green transformation, and move towards net-zero emissions alongside the global community.



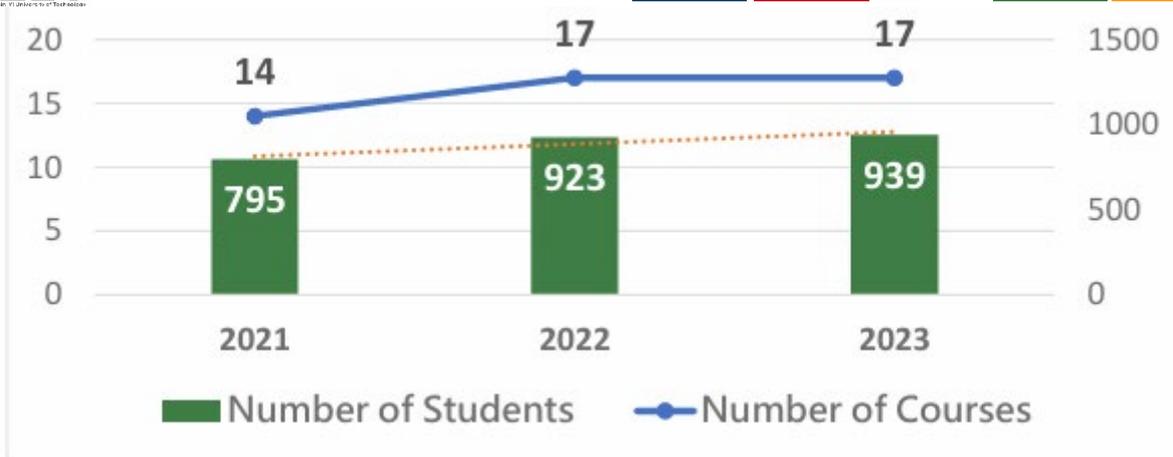
▲ Global Carbon Credits Pursuit: Are You Ready?



▲ Carbon Inventory Experience Sharing Seminar



▲ Carbon Inventory Software System Services Demonstration



Statistics on Green-Related Courses

(B) Teacher Training

NCUT is dedicated to global environmental protection and climate action, responding to sustainable development by assisting SMEs in conducting carbon inventories and carbon optimization services. We are training our faculty to become instructors in product carbon footprint verification and greenhouse gas inventory. By developing a team of professional verifiers, we ensure efficient and accurate inventory work, fostering a new generation of net-zero carbon reduction talent.

In the future, NCUT will continue its commitment to ESG, offering comprehensive services ranging from carbon inventory, and carbon optimization, to international certification and carbon trading. We aim to develop high-quality talent with interdisciplinary knowledge and practical skills. Our short-term goals are to help SMEs complete carbon inventories and optimizations while extensively training ESG professionals. In the medium term, we plan to establish more specialized laboratories for carbon inventory and optimization, offer interdisciplinary ESG courses, and attract more students to this field.



▲ Carbon Footprint Lead Verifier Training



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Carbon
Footprint
Lead
Verifiers

37
Greenhouse
Gas Inventory
Standard
Lead Verifiers



▲ Greenhouse Gas Inventory Standard Lead Verifier Training

