

3-3 Campus Safety and Health

The University's Occupational Safety, Health and Environmental Protection Committee is the highest decision-making body responsible for campus safety and health. The President serves as the Chair of the Committee, while the three Vice Presidents act as Vice Chairs. Members include designated representatives such as college deans, heads of departments that oversee high-risk teaching, internship, laboratory, or research activities, first-level administrative supervisors, and other relevant personnel. Additionally, selected members are appointed through faculty and staff recommendation. The Committee convenes every three months to establish management policies and oversee the implementation of the University's occupational safety and health programs. To ensure a safe and healthy campus environment, the University develops an Annual Safety and Health Management Plan, which is implemented by each unit in accordance with its responsibilities. This plan aims to protect the safety and health of students, faculty and staff, visitors, and contractors, and to prevent occupational accidents. In addition to regular inspections of safety facilities, the University also conducts periodic health and safety training courses to reinforce the effectiveness of its safety management system. According to the 2024 evaluation by the Ministry of Education on campus environmental management and implementation effectiveness in universities and colleges, the University's occupational safety and health practices were rated as effective. The University submits monthly reports on occupational accident statistics to the Ministry of Labor in accordance with regulations. No occupational accidents were recorded during the first eleven months of the year. However, in December 2024, a technician from the General Affairs Division suffered a fractured right radius after falling while manually handling recyclables at the recycling site. The injured employee underwent surgery, was hospitalized for two days, and recovered before returning to work. The cause of the accident was identified as improper work procedures and a lack of safety awareness. In response, safety and health training was provided to the relevant unit, and the proper use of tools and personal protective equipment was reinforced.

Promotion Framework of the Safety, Health, and Environmental Protection Committee



Implementation of Campus Safety and Health Management Plans

Implementation items		Management approach	Implementing unit
Labeling and General Awareness of Hazardous Chemicals	Implement hazard communication program	Per the university's "Hazard Communication Plan"	All units
	Update and Maintain List of Hazardous Substances		
	Other Necessary Disaster Prevention Measures		
Sampling and Measurement Strategies for Hazardous Work Environments	Implement per the university's	"Work Environment Monitoring Plan"	Safety and Health Center, chemical-handling departments, certified environmental testing agencies
Procurement, Contract, and Change Management	Procurement Management	Per the university's "Procurement Safety and Health Management Regulations"	All units
	Contract Management	Per the university's "Contractor Safety and Health Management Regulations"	
Regular Inspections, Key Inspections, Operational Checkpoints, and On-site Patrols	Regular, Key, and Operational Inspections	Per the university's "Self-Inspection Plan"	Safety and Health Center and all units
	Field inspection		
Safety and health education and training	Safety Training for New Faculty, Staff, and Students & On-the-Job Training	Per the university's "Education and Training Implementation Regulations"	Safety and Health Center and all units
	Safety and health training for transferred or reassigned faculty, staff, and students		
	On-the-job occupational safety and health training (statutory retraining)		
	Safety and health training (and in-service training) for faculty, staff, and students involved in special hazardous operations or operating dangerous machinery and equipment		
	First aid personnel training and related in-service training		



Implementation items	Management approach	Implementing unit
Personal Protective Equipment Management	General principles of safety and health protection equipment: when to wear, how to select, how to clean and store, and management of service life Record-keeping for PPE distribution and storage	Safety and Health Center and all units
Health examinations, health management, and health promotion matters	New employee physical examination	Occupational medicine and occupational care personnel are arranged to conduct health examinations and implement health management
	Regular health checkups for on-job workers	
	Special health examination for on-job workers (including nighttime working and special operations)	
	On-site health service by occupational medicine	
Collection, sharing, and use of safety and health information	Collection of safety and health information	Visit the websites of the Ministry of Labor, Ministry of Education, and other related units to collect information
	Sharing of safety and health information	Publicize through web page
Emergency Response Measures	First aid and emergency response drills and training First aid kit and medication	handled in accordance with the "Emergency Response Plan" of the School
Investigation, handling, and statistical analysis of occupational accidents, near miss, and physical and mental health incidents	Investigation, handling, and statistical analysis of occupational accidents and other accidents	<ul style="list-style-type: none"> The Environmental Safety and Health Center has established and amended the disaster notification and preliminary investigation report form The unit where the accident occurred fills out the report and submits it according to the regulations
Other safety and health management measures	Amendment to the Occupational Safety and Health Management Plan	This plan should be reviewed and revised every year and announced for implementation.

• Status of safety and health training and employee health checkups



Safety and health education and training matters

Implementation Status

- A total of 12 sessions of safety and health education and training for new employees were held, with topics including "Healthy Living – Exercise and Diet," "Common Musculoskeletal Disorders and Office Ergonomics Hazard Prevention," and "Understanding Overwork – Overview of Overwork Identification and Case Sharing."
- May 29, 2024 – A fire evacuation drill was conducted in the afternoon at the Design Building. A total of 69 faculty, staff, and students participated in the drill. Thirty fire prevention managers from various buildings and relevant units observed the drill. The Taipei City Fire Department's Jinhua Division was invited to guide the use of firefighting equipment and conduct a debrief for faculty, staff, and students of the Chemical Engineering Building.
- June 28 and November 29, 2024 – The 2024 safety and health education training for faculty and staff was held in the B1 conference room of the General Studies Building. Mr. Li Yuan-Hao, Senior Occupational Safety Manager of TBI Motion Technology Co., Ltd., was invited to give a lecture on "Safety and Health Cases and Hygiene." A total of 72 faculty and staff members participated.
- September 6, 2024 – The 2024 safety and health education training for new graduate students prior to entering laboratories was held at Student Activity Center. A total of 1,437 participants attended.
- September 6, 2024 – The "2024 International Student Safety and Health Education Training" was conducted in the 9th floor conference room of the Administration Building. A total of 50 participants completed the training and passed the test.
- September 19, 2024 – Training on ionizing radiation safety and health was conducted in the International Conference Hall of the Technology Building, followed by an online test. A total of 240 participants completed the training and passed the test.
- September 20, 2024 – Training on biosafety in laboratories was conducted in the second lecture hall of the General Studies Building, followed by an online test. A total of 28 participants completed the training and passed the test.
- Fire prevention manager training was commissioned to the China Productivity Center for the replacement and certification renewal of fire prevention managers in various buildings. A total of 18 individuals completed initial training and 7 completed refresher training.
- October 18, 2024 – The second fire drill and disaster prevention education training for 2024 was conducted at the Everlight Building, with a total of 136 participants.





Health examinations, health management, and health promotion matters

Implementation Status

- October 23, 2024 - Far Eastern Memorial Hospital was commissioned to conduct the 2024 general health checkup for labor staff on campus. A total of 174 people participated. In line with the Health Promotion Administration's cancer screening initiatives, three types of free cancer screenings (Pap smear, mammography, fecal occult blood test) were offered, with 40 people screened.
- Occupational physician on-campus services were provided 12 times in 2024.



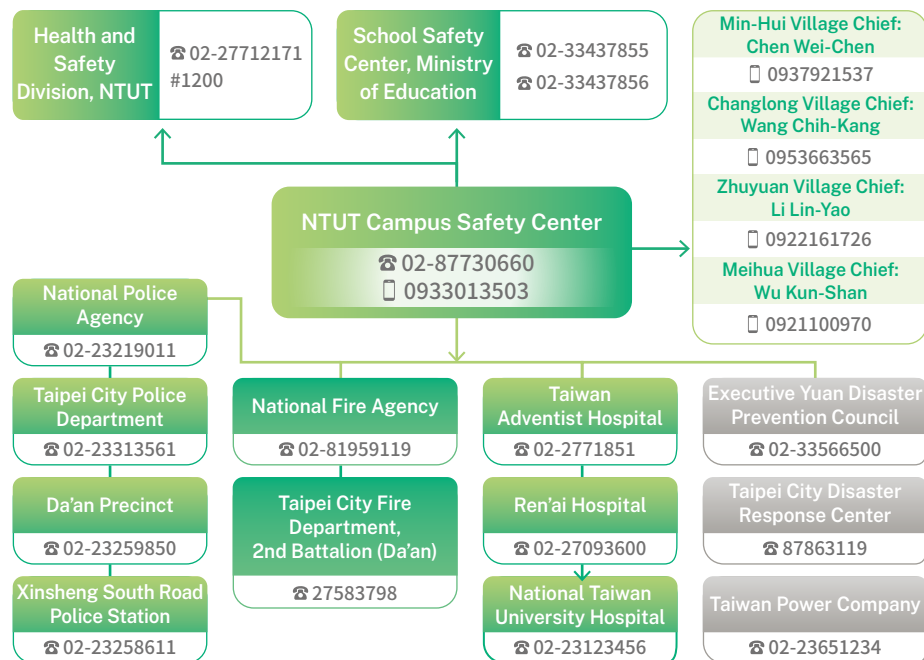
• Campus safety incident handling

To effectively maintain campus safety, the Campus Safety Center arranges for military instructors and safety personnel to take rotating 24-hour shifts. Upon receiving reports, they promptly handle emergencies (such as self-harm, traffic incidents, gender equality cases, medical emergencies), provide timely support to students, and notify parents, advisors, and related departments. All cases are also reported via the Ministry of Education's "Campus Safety and Disaster Prevention Notification System" to maintain a secure learning environment.

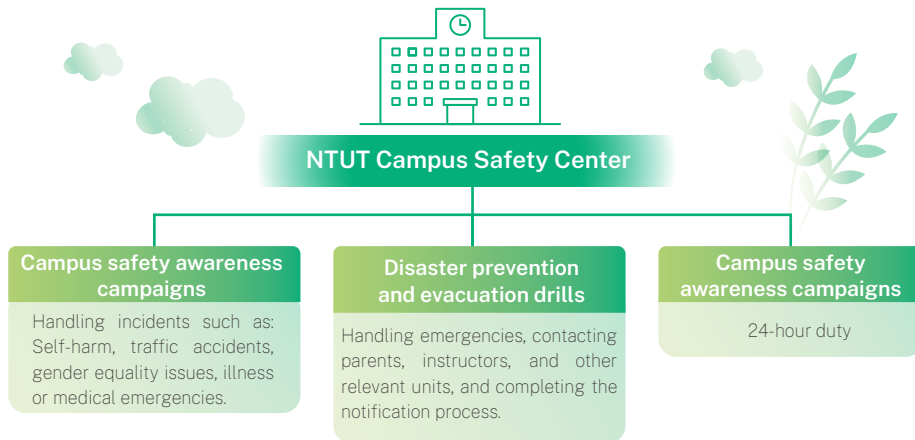
To prevent security incidents, daily patrols are conducted on-and off-campus, especially in identified high-risk areas and upper floors, ensuring safety for faculty, staff, and students. Xinsheng South Road Police Station (Da'an Precinct) strengthens patrols along designated routes each day to monitor surrounding campus security. The Campus Safety Center also collaborates with local neighborhood leaders (Minhui, Changlong, Zhuyuan, Meihua) and agencies like Xinsheng South Police Station and Da'an Fire Station by setting up LINE instant messaging groups for timely cross-unit communication and mutual assistance. An annual "Campus Safety Support Agreement" is signed between the university and local police authorities to enforce protective measures and integrate community resources.

Campus safety education is also delivered during freshman orientation, weekly assemblies, "University Introduction" courses, in-class announcements, and through social media platforms (student Facebook pages and class LINE groups). Topics include anti-fraud awareness, earthquake evacuation drills, and air-raid evacuation drills, aiming to enhance campus-wide safety awareness. Earthquake and air-raid evacuation drills are held each September during freshman orientation, conducted in Zhongzheng Hall and classrooms, with full participation from students and staff to strengthen preparedness.

• Functions of the School Safety Center



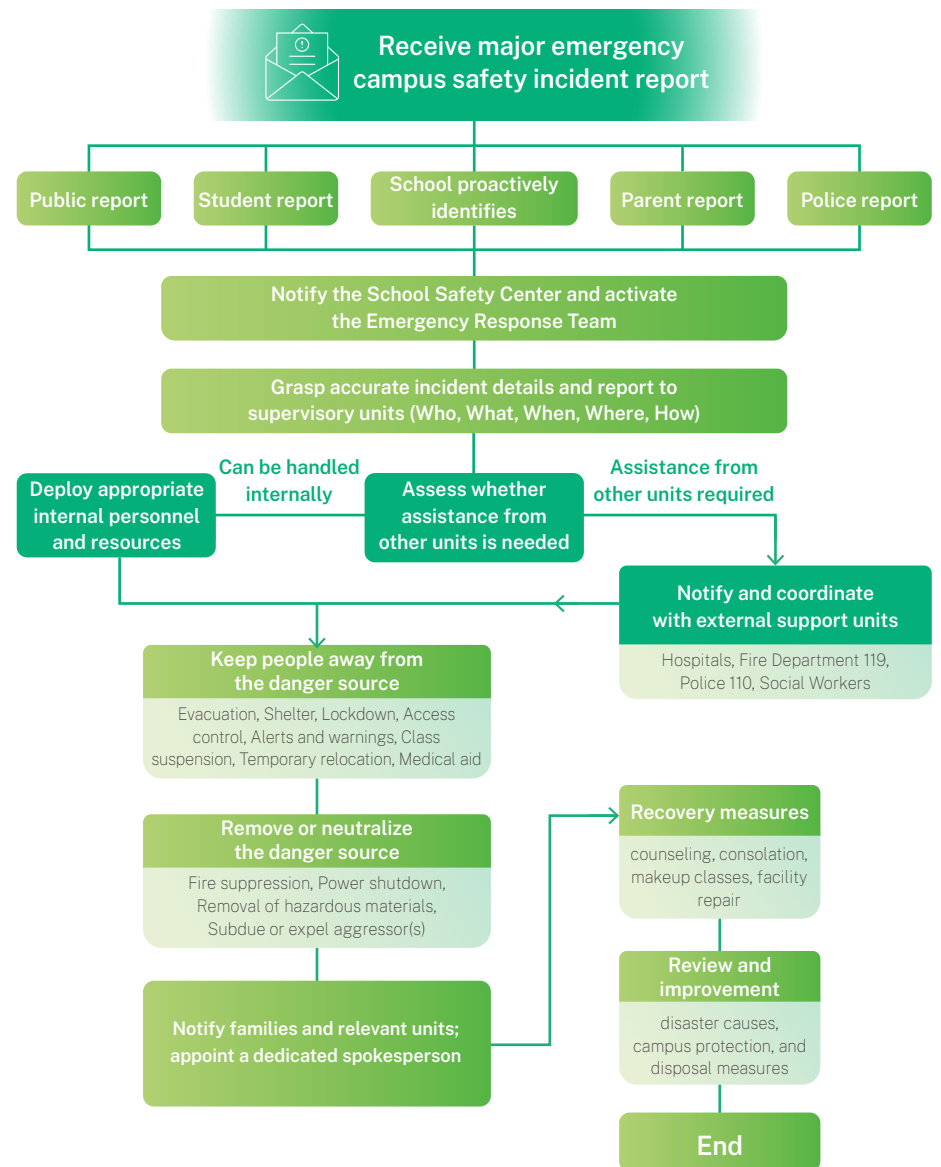
· Campus Disaster Notification Network



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Category	Number of cases	Improvement method
1. Disease events	9	Enhance the promotion of health and hygiene.
2. Injuries and deaths	23	Enhance the promotion of life education and three-level prevention.
3. Sexual Harassment	11	Enhance the promotion of gender equality education and personal safety.
4. Traffic accidents	5	Enhance the promotion of traffic safety education.
5. Other events	14	Track, care, and assist in handling various matters to prevent hazardous accidents.

· Emergency Response and Notification Handling Process



• **Campus safety measures and facilities**

Implementation Method		Implementation Status
1	Traffic Safety	<p>Campus Vehicle Control</p> <p>No vehicles or motorcycles are allowed to enter the campus. Vehicle parking spaces are located in parking lots and basements. Applications for parking space and driving of the school vehicle are controlled by the security or management personnel of the campus, and the vehicle is driven at a limited speed of 15 km per hour.</p>
		<p>Parking management</p> <p>The underground parking lot in the West Campus has adopted a smart management system, incorporating UHF (Ultra High Frequency) long-range card readers and AI image recognition technology. This system enables automatic license plate recognition, enhancing the efficiency and effectiveness of on-campus parking safety management. The system is equipped with eTag, vehicle number, and floor space features.</p>
2	Disease Incidents	<p>Enhancing Student Health Status Monitoring</p> <ol style="list-style-type: none"> 1. Upon receiving a report of a suspected case of severe infectious pneumonia, the Health Services Division immediately conducts a rapid screening test. The student is provided with health education and placed under self-health management for five days. During this period, students with symptoms are advised to take leave and rest. If the rapid test result is negative, the self-management can be lifted early. 2. The General Affairs Division is requested to regularly clean and disinfect high-risk areas on campus.
3	Self-Harm and Suicide Incidents	<p>Strengthening Student Mental Health</p> <ol style="list-style-type: none"> 1. The Counseling Center regularly holds mental health seminars to promote both physical and psychological well-being among students. 2. In cases involving students with more severe mental health concerns, the Counseling Center not only provides regular counseling services but also informs academic advisors and military instructors. These parties work together to continuously monitor and support the student's mental and emotional condition.
4	Campus security	
5	Access control management	<p>E-Cloud Access Control Management</p> <p>A digital cloud-based access control system has been implemented to effectively regulate campus entry and exit, especially during epidemic prevention periods. The system automatically syncs personnel data with the school's administrative and ID card systems, reducing the risk of unauthorized use and easing manpower demands.</p>
		<p>Dormitory Access Control</p> <p>To ensure dormitory safety, designated safe return routes have been mapped out, with key lighting along the paths extended until 3:00 a.m. Dormitory buildings are equipped with access control systems and staffed by dedicated managers on 24-hour shifts. During the semester, the school conducts off-campus housing visits to help students assess their living conditions and environmental safety, and provide guidance on emergency response procedures, enhancing overall safety awareness.</p>
		<p>Real-Name Registration During the Pandemic</p> <p>During the pandemic, a real-name entry system was enforced from Monday to Saturday, 7:30 a.m. to 8:00 p.m. Faculty, staff, and students were required to present valid ID to enter campus. Visitors were required to scan a QR code with their mobile phones to apply for a temporary pass, balancing safety with convenience.</p>
6	Surveillance system	
7	Nightlight lighting	
8	Protection of high levels	
9	Emergency aid system (AED)	

• Disaster prevention and control and traffic safety promotion

In order to establish the concept of students' safety on campus, the school's training room regularly organizes education and activities related to disaster prevention and traffic safety promotion:



National earthquake evacuation drill

The earthquake evacuation and evacuation drills were conducted at the Zhongzheng Hall on the first day of the year and in the classroom on September 21. The employees of the Military Training Office promoted the concept of disaster prevention to all the employees of Daishin Life Tech. The drill details are as follows:

- 1 Earthquake Evacuation:** The three steps for earthquake prevention are "staying down, covering up, and staying stable," and the precautions to be taken to develop the crisis response ability of students.
- 2 Air Evacuation Drill:** Publicize the air evacuation sheltered action (maintain low posture, shield eyes and ears, and widen the mouth and leave the ground), and remind students of the air evacuation position at our school (8 locations, respectively, are: Materials and Resources Building, Hong-Yu Technology Building, Zhongxiao Arts and Culture Corridor, General Education Building, Integrated Science Building, Parking Lot, Third Teaching Building, and the basement of Zhongzheng Hall. Based on classroom locations, students were grouped by department and led by military instructors and senior student mentors to nearby evacuation points. Through hands-on air-raid evacuation exercises and educational instruction on emergency response, students' disaster preparedness and response capabilities were strengthened, effectively reducing potential losses and enhancing overall campus safety.
- 3** At 9:21 a.m. on September 21, the Central Meteorological Bureau issued the "National Disaster Day Earthquake Warning System" through the "Meteorological Forecast System," and sent test warnings through personal handheld devices and mobile phones. The school also uses the electronic bulletin board to play the "National Disaster Prevention Day" earthquake rapid response drill, and respond to the earthquake (falling, sheltering, and stabilizing the "Earthquake Disaster Drill"), to enhance the visibility and density of the promotion, and expand the effectiveness of the serial promotion.



Publicize traffic safety awareness during the reporting of work

In order to enhance students' awareness of traffic safety, the following methods are used for the promotion of the school every semester:

- 1 Integrated into the course:** The school have invited Tsai, Ming-Li, an old teacher from the National Chiao Tung University, to use the National Defense Education Course to conduct traffic safety awareness education and strengthen the students' traffic safety knowledge and safety awareness.
- 2 Digital media promotion:** The latest traffic safety information (important regulatory updates, walking and pedestrian safety guidelines, and related promotional videos) is published on the official website of the Military Training Room and various communication groups from time to time to enhance teachers and students' traffic safety awareness.
- 3 Diverse event promotion:** The School utilizes the guidance of the new students and weekly meetings to promote traffic safety, ensuring that the students can establish the correct safety concepts and jointly create a safe campus environment.



• Health Promotion

Except for the roads adjacent to the campus, such as Shinsei Nanpuo Rd., Zhongxiao E. Rd., and Chienkuo S. Rd., smoking is prohibited. In response to the amendment to the Tobacco Control Act, the smoking area was removed on March 1, 2023, and the school was completely smoke-free. The school have set up no-smoking signs at the entrances and exits, public announcements, and non-smoking walkway of the school. The school have posted posters and strips. The school arranges for volunteers to promote “no-smoking on the campus” and “no-smoking in the hallway” in the campus and on the hallway. If there is any violation of the Tobacco Control Act on campus, it will be recorded in accordance with the “NTUT Campus Tobacco Control and Management Operation Directions” and reported to the competent authority for management. In addition, we organize smoking cessation courses with medical institutions every year, where physicians, psychologists, and nutritionists are invited to conduct classes to teach smoking cessation skills and healthy diets. The course aims to build self-image and confidence, and to enhance the effectiveness of smoking cessation through discussions, sharing, and mutual motivation. The Military Training Room, Police and Health Office, and Health Insurance Team conducted inspections of campuses and non-smoking pathways. A total of 35 people were advised to refrain from smoking in 2022, 21 in 2023, and 23 in 2024. The school will continue to create a non-smoking campus environment.



• Health Promotion Activities

Name of health promotion activity	Event Description	Event Description
<p>“My Healthy Plate for Balanced Meal,” “Drink More Water, Reduce Sugary Beverages,” and “Free Anonymous HIV Screening and Awareness Campaign.”</p>	<ul style="list-style-type: none"> The Club Expo was co-organized with the Da’an District Health Service Center and the Taipei City Hospital Kunming Prevention and Control Center, with a total of 255 participants. The school celebration and the health service center in Daan District jointly organized by the school, with a total of 455 participants. 	
<p>Health promotion courses: “Physical Fitness Class, Blood Pressure and Cholesterol Reduction Class, and Boxing Aerobics Class.”</p>	<p>For faculty, staff, and students with BMI ≥ 25, systolic blood pressure ≥ 130 mmHg, diastolic blood pressure ≥ 85 mmHg, or total cholesterol > 200, the program included 8 boxing aerobics sessions, 5 spinning aerobics sessions, and 8 nutrition courses. A total of 85 participants (49 faculty and staff, 36 students) attended, resulting in 37 sessions with 799 total participants.</p>	
<p>Tobacco Hazard Prevention and Carbon Monoxide Testing Awareness Promotion</p>	<p>Club fairs and other campus activities were organized in collaboration with the Taipei City Hospital Veterans' Home. The goal was to provide a quiz on tobacco hazards and award winners. A total of 216 people participated.</p>	
<p>Red Cross Society Junior First Aid Training</p>	<p>2 days, 16 hours, 40 people, all of whom completed the training and passed the tests of the departments and vocational school. 36 people received the initial first aid certificate.</p>	

• **Campus dining management**



Based on laws and regulations

From 2022 to 2024, NTUT maintained contracts with six food vendors. All contract management provisions are based on the Act Governing Food Safety and Sanitation and the School Health Act. In the spirit of sustainability, vendors are required to prioritize the use of certified local agricultural products from central agricultural authorities and only use non-GMO fresh ingredients and primary processed products. Fresh meat, seafood, and vegetables must be accompanied by drug residue-free test certificates or certification marks issued by the government or professional impartial organizations.



Align with government strategies

In line with the Environmental Protection Administration's plastic restriction policies, NTUT has enforced a ban on melamine tableware, disposable utensils, single-use plastic straws, and free plastic shopping bags in all on-campus dining areas. A pricing mechanism is applied to disposable take-out containers, and discounts are offered to encourage the use of reusable cups.



Implement education and training

One food hygiene seminar is held each semester, and participation by all food vendors is mandatory. These sessions are also open to all NTUT faculty, staff, and students to raise awareness of campus food safety.



Implementation results

From 2022 to 2024, nearly 180 food vendor inspections and supervisory checks were conducted. Six large-scale food safety seminars were held. A total of 9 violation notices were issued in 2022, 10 in 2023, and 16 in 2024.



Supervision and management

Weekly inspections of food hygiene are conducted; each semester includes a supervisory check of food service areas, a joint health inspection, and two food service management meetings. Violations are addressed through written notices, verbal warnings, citations, and fines to ensure compliance and reinforce vendor accountability.



Honors

NTUT successfully supported multiple food vendors in passing the Taipei City "Catering Hygiene Management Classification" evaluations held biennially in both 2022 and 2024.

