National Taiwan University of Science and Technology

2026 Taiwan Tech AI Robotics Summer Competition Camp

Event Guidelines

I. About the Event:

This activity aims to cultivate participants' practical skills in programming, mechatronic integration, and teamwork by guiding them through hands-on construction of automated machinery, competitive challenges, and collaborative workshops. The curriculum focuses on robotic arm control, soft gripper applications, and AI-based visual recognition technology, comprehensively expanding participants' abilities in prototyping, creative design, system integration, and programming.

Over the years, we have successfully organized five editions of the NTUST Cup AI Robotics Competition Camp, receiving enthusiastic praise from participants. This summer, we are proud to present the 6th NTUST Cup AI Robotics Summer Competition Camp. We sincerely invite junior high school, senior high school, vocational school, and university students from both Taiwan and abroad to register and be part of this exciting and creative competition event.

This activity warmly welcomes participants from diverse nationalities and educational backgrounds. Throughout the program, we will actively foster meaningful exchanges between Taiwanese and international participants. Through course discussions and competitive challenges, we aim to create valuable cross-cultural learning and collaboration opportunities, stimulate innovative thinking, develop diverse communication and teamwork skills, and build rich international experience.

Over the course of three days of lectures and hands-on sessions with face-to-face instruction, participants will dive deep into the integrated application of robotic arm operation, soft gripper design, and AI visual recognition models, exploring the boundless possibilities of smart manufacturing and future careers. Participants will assemble an automated robotic arm system and combine it with AI visual recognition technology to complete interactive tasks and competition challenges. Upon full participation, all attendees will be awarded the [National Taiwan University of Science and Technology AI Robotics Camp Certificate of Completion].

II. Co-organizers:

Center for Intelligent Robotics (CIR) at National Taiwan University of Science and Technology (NTUST)

The AI and ESG sustainability association of Chinese Taipei

III. Date & Venue of the Event:

Event Date: July 29th (Wednesday) ~ July 31st (Friday), 2026

Event Time: 8:30 AM ~ 5:30 PM

Event Venue: IB-101 Conference Room, International Building (IB), National Taiwan University of Science and Technology, No.43, Keelung Rd., Sec.4, Da'an Dist., Taipei City, Taiwan

IV. Event Registration Details:

Registration Period: From now until July 17th, 2026

Registration Fee:

1. Original Fee: NT$14,800 / USD 491 per person
2. Early Bird Fee: NT$12,800 / USD 424 per person (for registrations and payments completed before May 20, 2026)
3. Group Discount for 3 Participants: NT$11,800 / USD 391 per person
4. Group Discount for 4 Participants: NT$10,800 / USD 358 per person

   (Team registering with four members would get priority to register their team's name on the day of event)

Registration Type: Individual Registration or Group Registration (2 to 4 people; group discount applies for 3 or more participants)

Event Website: https://www.ntustcir.me.ntust.edu.tw/2026airoboticcamp

Registration Link: https://forms.gle/uHjVWe8U4XL7GKua6

1. Bank Transfer Information:
   Account Name: 諾頓永續股份有限公司
   Account Number: 0060717336529
   Taiwan Cooperative Bank (006), Dongmen Branch

   Note: Please remit the registration fee in TWD (New Taiwan Dollar), and bring your payment receipt for registration verification on the day of the event.

2. Bank Remittance Information (Only for International Participants):
   Bank Name: CTBC BANK CO., LTD
   Branch Name: Dunbei Branch
   Swift Code: CTCBTWTP015
   Account Name: Po Ting Lin
   Account Number: 015131124552
   Currency: USD (United States Dollar)

   Notes:

   (1) The remitter must bear all bank transfer and remittance charges. Please ensure that the full registration fee in USD is received in the above-mentioned beneficiary account, as registration will be considered incomplete if full payment is not transferred.

(2) After completing the remittance, please email a screenshot of the remittance receipt to ntust.ai.roboticcamp@gmail.com, and bring a printed copy of the receipt to the event for on-site identity verification.

V. Contact Information:

For Registration:

1. Department of Mechanical Engineering, National Taiwan University of Science and Technology

   Contact Person: Mr. Liu

   E-mail: ntust.ai.roboticcamp@gmail.com

   Phone: 02-2733-3141 #5405

2. The AI and ESG sustainability association of Chinese Taipei

   Contact Person: Course Team

   E-mail: youthcamp5551@gmail.com

   Phone: 02-2395-1666

For Course:

1. Department of Mechanical Engineering, National Taiwan University of Science and Technology

   Contact Person: Mr. Liu

   E-mail: ntust.ai.roboticcamp@gmail.com

   Phone: 02-2733-3141 #5405

VI. Information for Participants:

1. Students are advised to bring a laptop computer, preferably with the Windows operating system, for programming and working with autonomous devices.
2. Participants who attend the entire event will receive a Certificate of Completion, issued by the Center for Intelligent Robotics (CIR), National Taiwan University of Science and Technology.
3. The event fee covers student accident insurance, lunch expenses, instructor fees, venue and equipment maintenance, and course materials.
4. Accommodation is not provided for this event. Participants are required to arrange their own accommodation and related logistics. If assistance is needed, please indicate your request in the remarks section of the registration form or contact us via email at ntust.ai.roboticcamp@gmail.com. We will respond to your inquiry as promptly as possible.
5. This activity will involve the use of silicone or other polymer-based chemical materials for model making. If participants or their guardians have any concerns regarding the materials used in the course, or have a known history of allergies to such substances, please indicate this in the remarks section when registering, so that the organizers can make appropriate arrangements in advance.

VII. General Information:

1. If the event has to be canceled because of unexpected situations like natural disasters or other major issues, the organizer will give refunds after subtracting the costs for materials and venue rental, based on the organizer's official announcement.
2. The organizer reserves the right to make final modifications to the competition rules, evaluation procedures, and judging criteria. Any matters not specified in these guidelines will be handled in accordance with relevant laws and regulations, and the organizer may adjust the details at any time.
3. Participants are required to cooperate with the organizer's promotional activities and agree to the use of any photographs, videos, audio recordings, or written content generated during the event for purposes of exhibition, publicity, and publication.

VIII. Event Schedule:

Date	Schedule
July 29th (Wednesday)	Opening Ceremony & Guest Introduction / Rule Briefing / Robotic Arm Assembly Workshop / Arm Control Programming Session / Soft Gripper Casting Fabrication Workshop
July 30th (Thursday)	Arm Control Programming Session (cont.) / Soft Gripper Casting Fabrication / AI Visual Recognition Programming Session / Embedded Device Programming Session / Competition Draw
July 31st (Friday)	Competition and Award Ceremony