



# 2025 NCHU SEMICONDUCTOR SUMMER SCHOOL

Aug. 11-Aug. 22, 2025



More info



Register Now

Application Deadline: April 30, 2025



# 2025 NCHU SEMICONDUCTOR SUMMER SCHOOL

**Program Duration:** August 11 – August 22, 2025 (2 weeks)

**Location:** Applied Science & Technology Building,  
National Chung Hsing University (NCHU), Taiwan

## Program Schedule

Week 1↵	Morning 9-12am ↓ Lecture↵	Afternoon 2-5pm↓ Hand-on↵
Day 1↵	Introduction to Semiconductors(I)↵	Lab Tour in iCAST/ Circuits with Arduino(I)↵
Day 2↵	IC Design↵	Circuits with <u>Arduino</u> (II)↵
Day 3↵	Semiconductor Materials↵	Photomask Design & Patterning ↵ Sample Preparation Techniques↵
Day 4↵	Thin Film Technology↵	Lithography, Etching & Deposition↵
Day 5↵	Solar Cell Semiconductor Devices↵	Optical Microscope (OM) & Atomic Force Microscope (AFM)↵
↵		
Week 2↵	Morning 9-12am↓ Lecture↵	Afternoon 2-5pm↓ Hand-on↵
Day 6↵	Green Technology↵	Packaging and Testing↵
Day 7↵	Green Manufacturing↵	Scanning Electron Microscope (SEM)↵
Day 8↵	Semiconductor Manufacturing↵	Packaging & Testing application↵ (ICPMS)↵
Day 9↵	Semiconductor Devices↵	Cultural Visit: National Museum of Natural Science (NMNS) –“ <u>TSMC</u> Semiconductor World “ Visit↵
Day 10↵	Future Semiconductor Technologies↵	Lab Report and Group Presentations↵ Closing↵

\* The course schedule and content may be adjusted based on actual circumstances, with the final decision reserved by the course provider.

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## Eligibility :

1. Current junior/senior undergraduate or graduate students in science and engineering fields.
2. Limited to 15 participants.

## Scholarship :

We provide partial scholarships for eligible participants. Each student may receive a tuition waiver(NT\$10,000), accommodation waiver (NT\$10,000) or a scholarship amount up to NT\$40,000 (Final decision at the discretion of the organizing center).

## Self-Funded Expenses :

1. Tuition Fee : NT\$10,000 (Waived for students from partner universities)
2. Accommodation Fee : NT\$ 10,000
3. Other Costs : Airfare, visa, travel insurance, meals, and other personal expenses

## Application Requirements :

1. Completed application form.
2. Letter certifying student's enrollment at their home university.
3. Proof of English proficiency: TOEIC score of 600 or above (or equivalent certification).

## Application Process :

Submit all required documents as a single PDF file to [icast@dragon.nchu.edu.tw](mailto:icast@dragon.nchu.edu.tw) by May 15, 2025.

(Contact: Ms. Lo, +886-4-22840502#186)

## Key Dates :

- Application Deadline: May 15, 2025
- Notification of Results: June 1, 2025

## Additional Information

- The program will be conducted entirely in English. Participants must have an English proficiency level of TOEIC 600 or above.
- This program offers a unique opportunity to explore cutting-edge semiconductor technologies and experience Taiwan's vibrant culture.

**For any inquiries, feel free to contact us at [icast@dragon.nchu.edu.tw](mailto:icast@dragon.nchu.edu.tw). We look forward to welcoming you to NCHU!**