



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(II)</u>
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) –“ TSMC 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.

2025

NCHU SEMICONDUCTOR SUMMER SCHOOL

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 subsidy: up to NTD 10,000, applicable only for students staying in NCHU dormitories from August 10 to 23, 2025. Students who choose to arrange their own lodging will need to cover those costs independently. Flight subsidy: up to NTD 15,000.

(Final decision at the discretion of the organizing center).

Self-Funded Expenses :

1. Tuition Fee : NT\$10,000
2. Accommodation Fee : NT\$ 10,000 (The on-campus accommodation fee)
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 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. We look forward to welcoming you to NCHU!