



2024 NCKU AISSM Semiconductor Summer School

Date: Jul. 17th – Aug. 3th, 2024

Application Deadline: April 15th, 2024

Session 1: IC Design Specialty

Date: 7/17-26, 2024

Course A: Digital IC Design and Synthesis
or
Course B: Analog IC Design and Layout

**Tour to Taipei
-Economic & Cultural-**

Session 2: Overview of Semiconductor Technology

Date: 7/28-8/3, 2024

Course C: The Essentials of Semiconductor
Technology and Supply Chain

Topics

- Fundamentals of IC design
- Advanced Semiconductor Technology
- Latest Trend on Semiconductor Materials
- Techniques of Nanomaterials and Nanocomposites
- Circular Economy of Electronics Industry

**TSMC 1-Day Program
-Newcomer Training Center-**

**Tour to Kaohsiung
-Creative Industry-**

Language: All courses are offered in English

Participants: Max. of 30 students/ course

Appropriate level: Senior Undergraduate and
Fresh Graduate students

Format: In-Person

Completion: NCKU transcript: 3 credits for
each course

International & Domestic Students

Invited Speakers from Industry

Lab Work on IC Design

Research Center Tours

**Faculty-led Partnership
Scholarship**

**USD 1000 / all sessions
by program fee reduction
with nomination by invitation**

Join us to experience the beauty of
technology in Taiwan.



Please visit the program website.



NCKU
Academy of Innovative Semiconductor
and Sustainable Manufacturing

No.1, University Road, Tainan City 701, Taiwan (R.O.C)