



International Bachelor Degree Program
in
Mechanical Engineering



National Chung Cheng University
TAIWAN

About IBP_ME

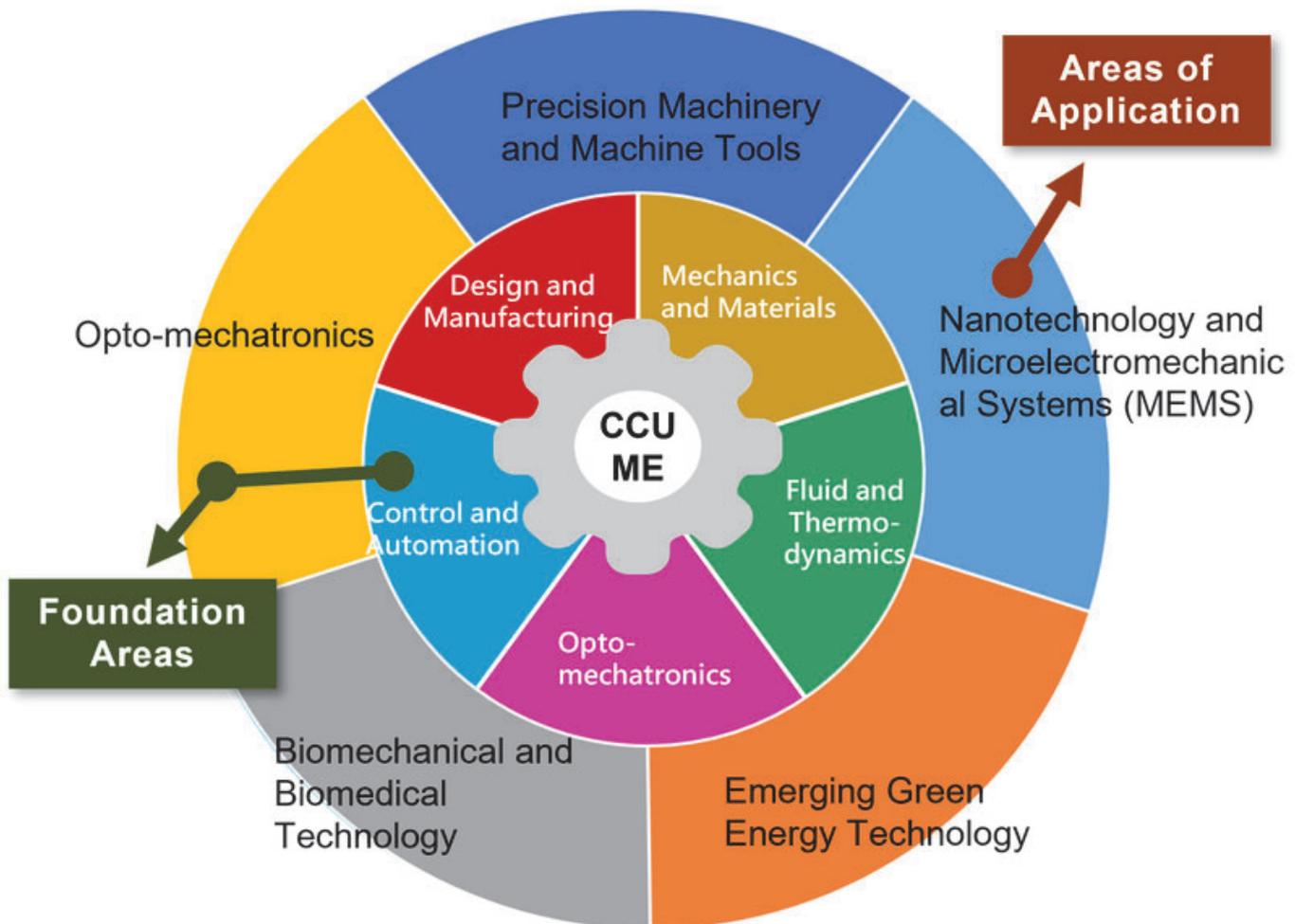
International Bachelor Degree Program in **Mechanical Engineering (IBP_ME)**

Taiwan is famous for its semiconductor industries, precision manufacturing, and high-quality machine tools. The demand for mechanical engineers has been dramatically increasing. The quality of higher education in Taiwan is also well-known and has attracted much attention from international students around the world. In response to this demand, the College of Engineering at National Chung Cheng University (CCU) will begin offering the IBP_ME in September 2025, with the Department of Mechanical Engineering (ME) serving as the primary supporting department. The program takes four years of study and requires the successful completion of 128 credits. Students in this program will gain professional knowledge and hands-on experience through a capstone course.



Department of Mechanical Engineering

Founded in 1991, the Department of Mechanical Engineering consists of 28 professors from prestigious universities worldwide, all holding PhDs and bringing substantial industrial experience. ME's teaching emphasizes both academic excellence and engagement in intercollegiate activities and competitions, equipping students with expertise in the fundamentals of ME as well as multidisciplinary applications.



The department has demonstrated strong research capabilities and enjoys an excellent reputation in the fields of machine tools and intelligent manufacturing. Since 2008, the ME curriculum has been accredited by the Institute of Engineering Education, Taiwan (IEET).



Curriculum

Students enrolled in the IBP_ME must complete at least 128 credits upon graduation, including:

1. General Education Courses

International students choose Chinese and English Proficiency Courses and other courses offered by the Center for General Education.

28 Credits



2. Professional Compulsory Courses

Students must complete compulsory courses required by IBP_ME.

67 Credits



3. Professional Elective Courses

All professional courses offered by the department are listed as professional elective credits.

21 Credits



4. Free Elective Courses

Students can choose to take all professional courses in this department or take all English-taught courses offered by the other departments.

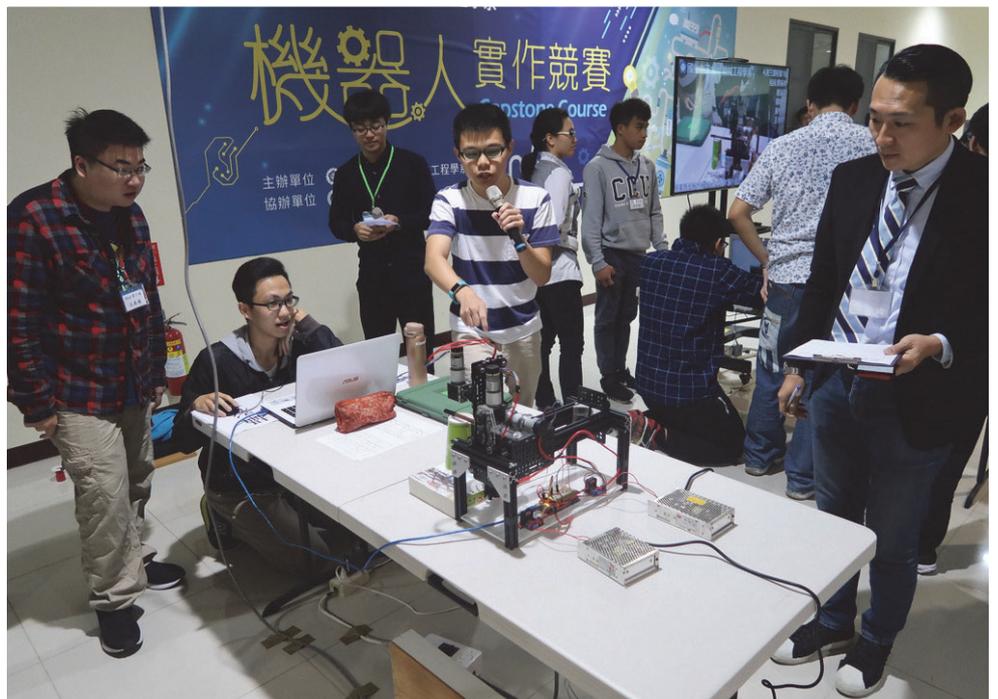
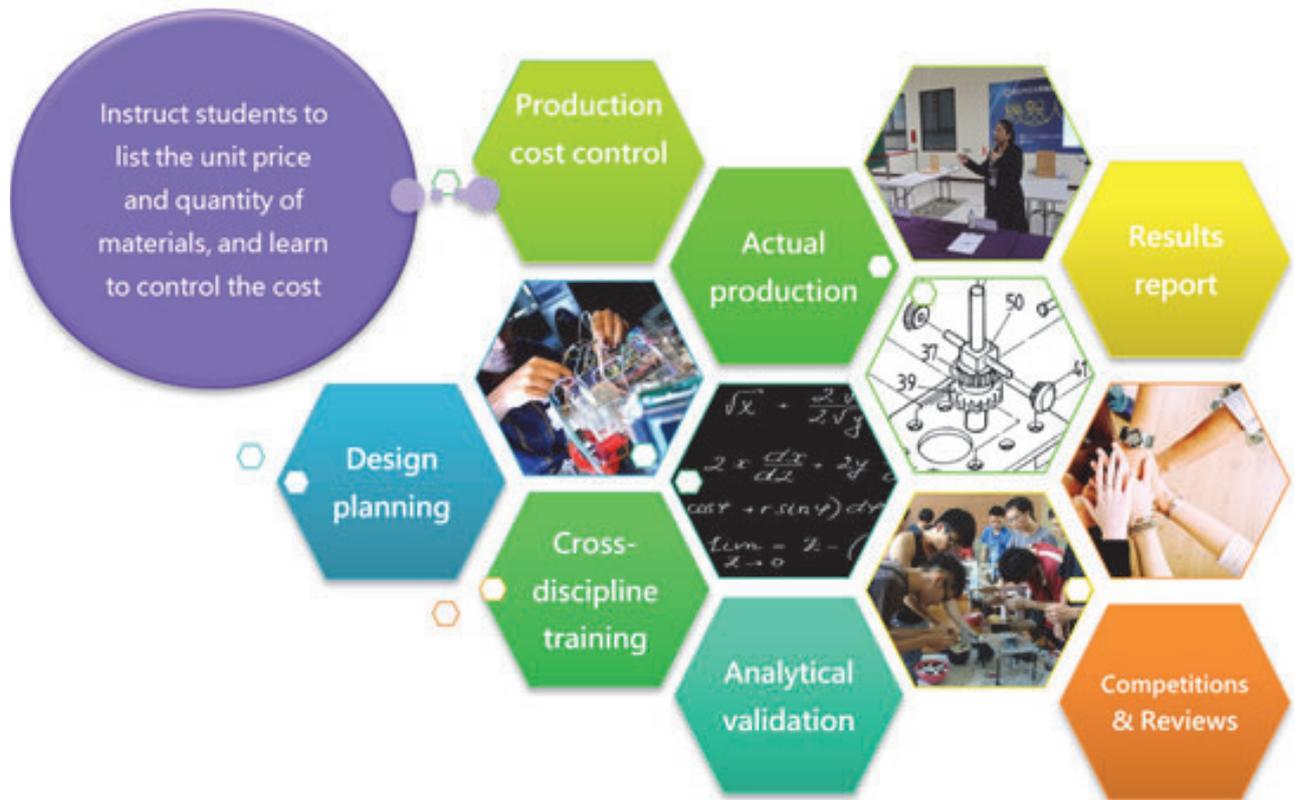
12 Credits



128 Credits

Capstone Courses

The “Opto-Mechatronic Design Practice” enables students to have a complete experience in project implementation.



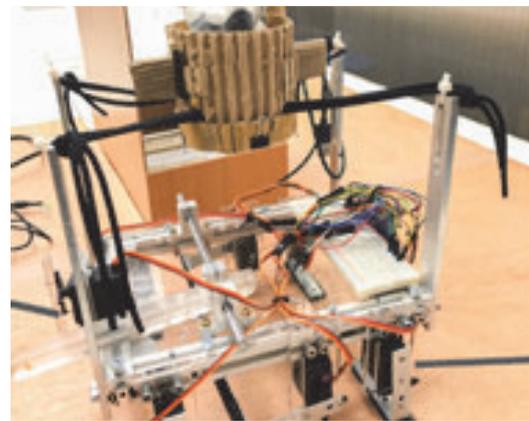
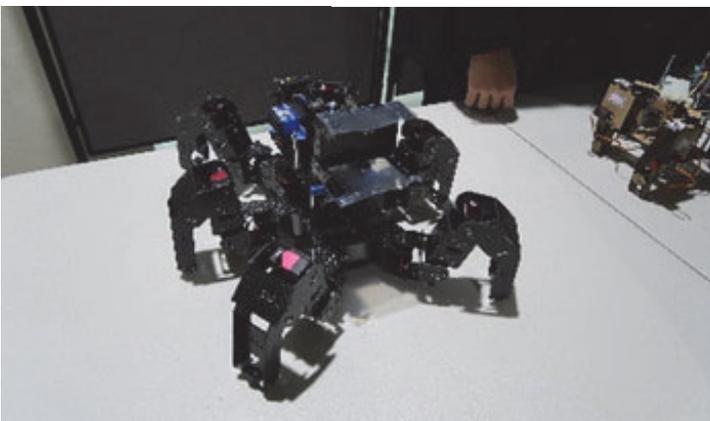
Hands-on Project in Capstone Courses

There are hands-on projects on various materials and themes to foster innovation.

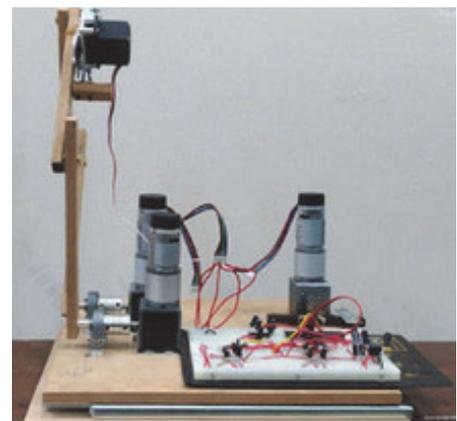
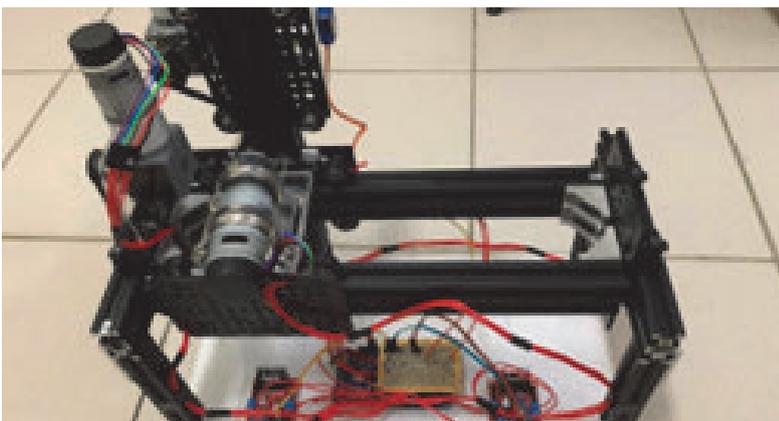
2022-2024 Four-legged bionic mechanical dogs



2020-2021 Walking to the high machine



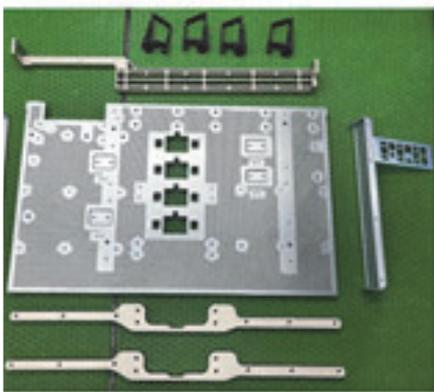
2018-2019 Multi-axis writing platform



Problem-Based Learning (PBL)

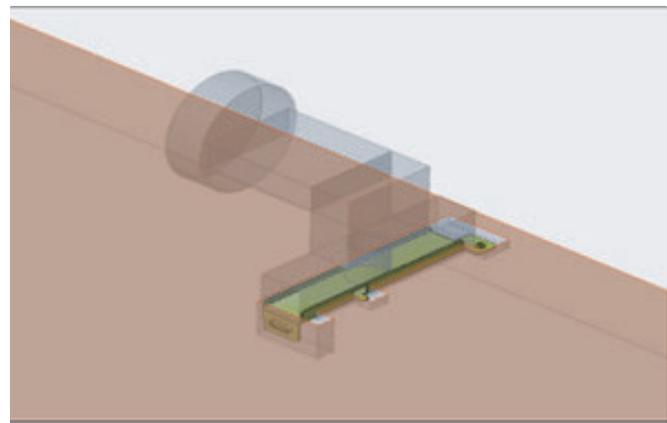
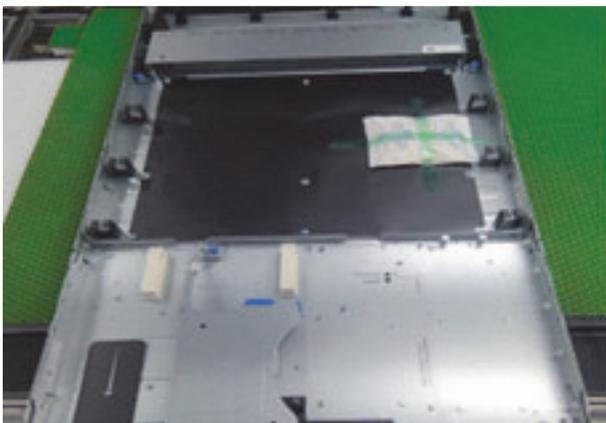
2024

- Testing equipment for semiconductor production lines
- Optimization of control parameters of linear moving platform
- Measurement of the control response of the linear moving platform



2023

Base locking and code scanning automation



2022

Automation of casing stamping and rewinding



Classrooms and Facilities

Multipurpose Training Rooms

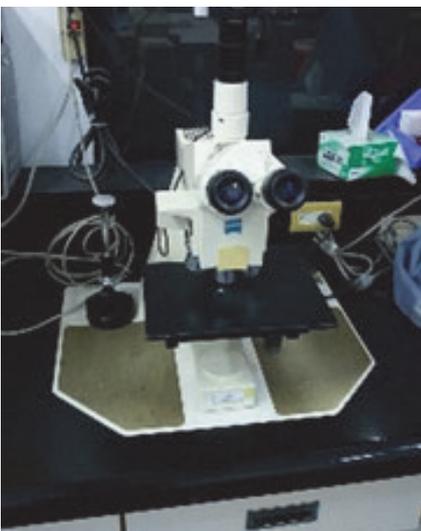
There are over 70 computers in the computer room, and each student uses one computer during the class.



Classrooms and Facilities

Teaching Laboratories

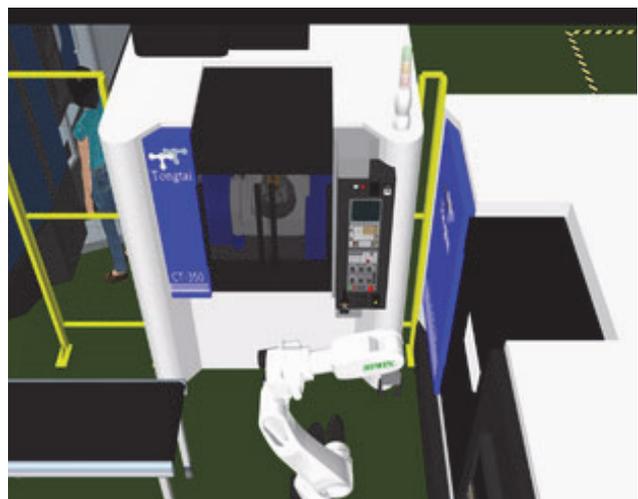
Students can have hands-on experiments on material testing, thermo-fluid, and automation.



Classrooms and Facilities

CNC Machine Tools

Three-axis CNC machine tools and machining centers, twin-axle CNC lathes, mill-turn machining tools, CNC laser multilayer manufacturing machines, and five-axis machine tools are used for teaching and research.



Admission

Submit all required documents through the Admission Online Application System on the **Office of International Affairs** website.
<https://oia.ccu.edu.tw/p/412-1008-1536.php?Lang=en>



Application Period

Feb 01, 2025 ~ Jun 15, 2025

Tuition Fees

TWD 55,290 per semester

Required Documents

- 1 The highest-level degree diploma
- 2 The highest degree's full transcript of records
- 3 English proficiency certificate at the CEFR level B2 (or above)
- 4 Financial statement
- 5 Two letters of recommendation
- 6 Statement of purpose
- 7 Declaration of Nationality form
- 8 Passport (if available)
- 9 Taiwan Alien Resident Certificate (ARC) (if available)

For details of the required documents, please visit oia.ccu.edu.tw. We encourage you to submit all required documents well in advance of the posted deadlines.

Scholarships

CCU scholarships are available but limited with admission. Students with a high GPA ranking are eligible for a scholarship every semester.

For International Student

1. IBP_ME Scholarship

	Award Amount:
A	Full Tuition Waiver + Stipend (TWD 100,000/per year)
B	Full Tuition Waiver + Partial Stipend (TWD 50,000/per year)
C	Partial Tuition Waiver

2. MOE Taiwan Scholarship

3. MOFA Taiwan Scholarship

4. Taiwan ICDF Scholarship

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For more details on the scholarships, please visit the following websites:

- Ministry of Education (MOE)
- Ministry of Foreign Affairs (MOFA)
- International Cooperation and Development Fund (ICDF)

Campus Map



Contact Us

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