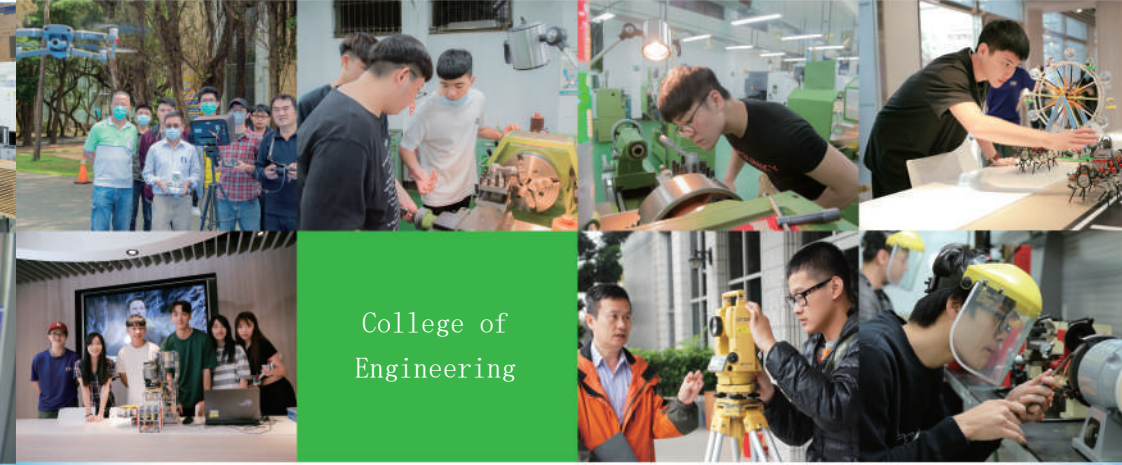




Semiconductor School



College of Engineering



College of Management

Department of Electrical Engineering



Department Features

The department of Electrical Engineering is professionally oriented and divided into three major areas: "Power, Control and Telecommunications", and has developed three modular programmes in "Power, Systems and Communications" to meet the needs of the industry.

Graduation Pathways

1. Equipment Engineer
2. Plant Engineer
3. Automation Equipment Engineer
4. Process Engineer
5. Production Management Engineer

Department of Electronics Engineering



Department Features

The department of Electronics Engineering has built on its experience in communications, computing and integrated circuits, and has advanced into semiconductors and artificial intelligence for the Internet of

Graduation Pathways

1. Semiconductor Equipment Engineer
2. IC Layout Engineer
3. Software Development Engineer
4. Communication System Engineer
5. IC Design Engineer

Department of Applied Materials Science and Technology



Department Features

The department of Applied Materials Science and Technology is one of the few departments in Taiwan with complete training in semiconductor manufacturing and packaging testing, thin film manufacturing, and hydrogen energy

Graduation Pathways

1. Chemical Engineer
2. Materials Researcher
3. Quality Control Engineer
4. Material Analysis and Testing Engineer
5. Plant Engineer

Department of Semiconductor and Electro-Optical Technology



Department Features

The department nurtures technical personnel in the fields of precision semiconductor optical components and digital imaging systems, display components and systems, green energy optoelectronics, semiconductor optoelectronic components, optoelectronic information processing and semiconductor biomedical optoelectronics. The Institute of Engineering Education has been accredited for 15 consecutive years and the quality of teaching is internationally recognised.

Graduation Pathways

1. Packaging Test Engineer
2. Yellow Light Process Engineer
3. Process Engineer
4. Thin Film Process Engineer
5. Module Engineer

PhD Program in Semiconductor Technology



The aim of the PhD in Semiconductor Technology is to train practical personnel for the development, maintenance, packaging, testing, quality control and plant engineering of semiconductor equipment required by the industry.

Department of Mechanical Engineering



Department Features

The department focuses on the development of mechanical and electrical integration automation and precision mechanical manufacturing, with practical teaching to strengthen students' practical skills and professional certification, including mechanical and electrical integration, pneumatics, computerized mechanical drawing and CNC lathe machining.

Graduation Pathways

1. Corporate Development Engineer
2. Product Development Engineer
3. Electrical and Mechanical Integration Engineer
4. Precision Manufacturing Engineer
5. Mechanical Design Engineer

Bachelor Program of Wind Power



Department Features

The department focuses on the development of professional fields related to the operation and maintenance of wind turbines and intelligent management. Students will be equipped with the ability to operate and maintain equipment in the wind power related industry.

Graduation Pathways

1. Fan Maintenance Engineer
2. Power Management Engineer
3. Offshore Wind Engineer

Department of Computer Science and Information Engineering



Department Features

The department focuses on programming, information systems development and management skills. It is based on the Internet of Things and combines the application of big data and artificial intelligence.

Graduation Pathways

1. Programmer
2. Web Designer
3. Software Engineer
4. Internet of Things Engineer
5. AI Programmer

Department of Civil Engineering and Environmental Informatics



Department Features

The department focuses on the development of construction and environmental disaster monitoring technologies and applications, and has an international industry and academic programme to promote the international development of the construction industry.

Graduation Pathways

1. Civil Engineering Technician
2. Camp Director
3. Engineering Draughtsman
4. Land Development Staff



College of Service Industries



College of Humanities and Design

Department of Senior Service Industry Management



Department Features

The department's philosophy of education is based on the welfare and service of the elderly and emphasises the importance of a humanistic approach to learning and the development of students. We train professionals in the fields of care management, social work and life planning.

Graduation Pathways

1. Caregivers
2. Home Care Worker
3. Case Management Staff
4. Social Worker

Department of Hotel Management and Culinary Creativity



Department Features

The department has established a talent development programme in collaboration with domestic enterprises to encourage and guide students to undertake practical projects to nurture hotel and culinary professionals.

Graduation Pathways

1. Housekeeping Staff
2. Caterer
3. Chinese and Western Chefs
4. Baker
5. Bartender

Department of Leisure Management



Department Features

The department nurtures quality service and management personnel for the leisure industry, with an emphasis on humanistic development, service attitude and professionalism. Through a learning-by-doing approach, we develop professional talents required by the leisure industry.

Graduation Pathways

1. Tour guides and Tour Escorts
2. Explanatory Guides
3. Itinerary Planner

Department of Early Childhood Education and Care



Department Features

We are one of the few technical universities in Taiwan accredited by the Ministry of Education to train qualified childcare workers and nursery teachers. It offers courses in child care, early childhood care and arts education for children aged 0 to 2.

Graduation Pathways

1. Nursery Staff
2. Childcare Centre Supervisor
3. Child Home Care Specialist
4. Children's Counsellor

Department of International Business and Foreign Languages



Department Features

The department combines fluency with business acumen, preparing students for success in today's globalized world. Offering diverse language courses, cultural immersion opportunities, business strategy workshops and (international) internships, it equips graduates with a competitive edge in the global market place.

Graduation Pathways

1. Remedial Teacher
2. Flight Attendants
3. Translator
4. International Business Personnel

Department of Sports Management



Department Features

The department aims to develop professional talents in sports industry management and sports coaching, and to provide guidance in obtaining professional licenses to develop professional skills.

Graduation Pathways

1. Fitness Centre Coaches
2. Sports Marketing Company
3. Sporting Goods Specialist
4. Sports Protectors

Department of Multimedia and Game Development



Department Features

We train students in colour science, character design, game engine development, 3D modelling, AR/VR and other related applications. Planning and execution of content for e-competition and multimedia communications.

Graduation Pathways

1. Game Producer
2. Multimedia Animation Designer
3. Motion Capture Artist
4. Film Editors
5. Live Broadcaster

Department of Fashion Styling and Design



Department Features

The department integrates international fashions to train creative talents across international boundaries, with emphasis on practical experience in the industry.

Graduation Pathways

1. Hair Stylist
2. Manicurist
3. Medical & Beauty Clinic
4. Bridal Styling
5. Beauty & Skincare



MUST is conveniently located in northern Taiwan, 35 minutes from the airport. The campus can be easily reached by car or by bus, train or high speed rail.

The campus is within walking distance from a variety of shopping centres and restaurants.