College of Electrical Engineering and Computer Science

National Taipei University of Technology

TAIPEI TECH

National Taipei University of Technology

TAIPEI

- 100 Years of Excellence
- Outstanding Research
- No. 1 Tech. Univ. in Taiwan

Taipei Tech NOW

- **1912**
  Founded as the 1st Engineering Training School in Taiwan

Taipei Tech on World Rankings

- **No. 436** for **QS World University Rankings (2023)**
- **No. 76** for **QS Asia University Rankings (2022)**
- **No. 108** for **Engineering and Technology in QS Subject Rankings (2022)**
- **No. 101** for **Electrical & Electronic Engineering in QS Subject Rankings (2022)**
- **No. 201-250** for **Computer Science & Information Systems in QS Subject Rankings (2022)**





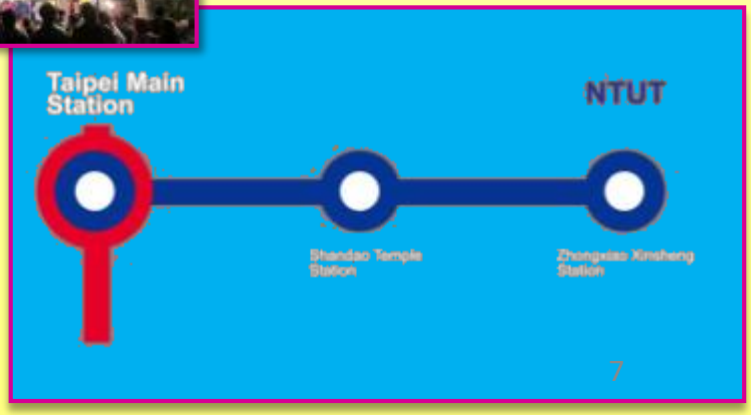
TAIPEI TECH
Won the Number One
Technological University Paradigm
1
in Taiwan

World-Class University

TAIPEI TECH New Mission:

Cultivating Entrepreneurs to Meet the Needs of Rapidly Changing World Economy

Unbeatable Location



Campus located at the center of Taipei Metro System


圖例 Legend
1 文湖線 Wenhu Line
2 淡水信義線 Tamsui-Xinyi Line
3 松山新店線 Songshan-Xindian Line
4 中和新蘆線 Zhonghe-Xinlu Line
5 板南線 Bannan Line
三重國小 Sanchong Elementary School
圓山 Yuanshan
大橋頭 Daqiaotou
民權西路 Minquan W. Rd.
中山國小 Zhongshan Elementary School
松山機場 Songshan Airport
台北橋 Taipei Bridge
雙連 Shuanglian
行天宮 Xingtian Temple
中山國中 Zhongshan Junior High School
菜寮 Cailiao
中山 Zhongshan
松江南京 Songjiang Nanjing
南京復興 Nanjing Fuxing
台北小巨蛋 Taipei Arena
南京三民 Nanjing Sanmin
松山 Songshan
三重 Sanchong
3
先嗇宮 Xianse Temple
北門 Beimen
台北車站 Taipei Main Station
忠孝新生 Zhongxiao Xinsheng
忠孝復興 Zhongxiao Fuxing
忠孝敦化 Zhongxiao Dunhua
國父紀念館 Sun Yat-Sen Memorial Hall
市政府 Taipei City Hall
永春 Yongchun
後山埤 Houshanpi
昆陽 Kunyang
西門 Ximen
TAIPEI TECH
龍山寺 Longshan Temple
台大醫院 NTU Hospital
東門 Dongmen
大安森林公園 Daan Park
大安 Daan
信義安和 Xinyi Anhe
台北101/世貿 Taipei 101/World Trade Center
象山 Xiangshan
江子翠 Jiangzicui
小南門 Xiaonanmen
中正紀念堂 Chiang Kai-Shek Memorial Hall
古亭 Guting
2
科技大樓 Technology Building
六張犁 Liuzhangli
麟光 Linguang
台電大樓 Taipower Building
頂溪 Dingxi

- **Alumni** are the main **Driving Force** of Taiwan's industrialization

- "*Taipei Tech Graduates Are The* ***TOP FAVORITES*** *of* ***Taiwan's top 1000 enterprises***" - **2022**

- **10**% of founders, board directors, CEOs of Taiwan's stock companies are Taipei Tech alumni.

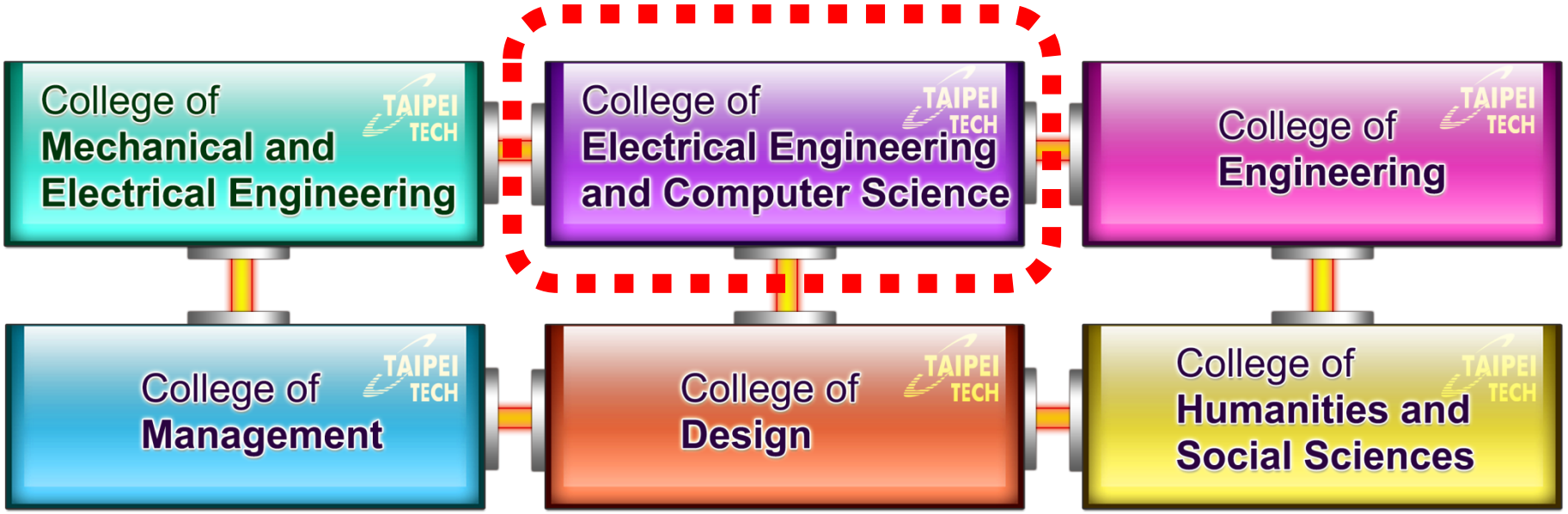
Notable alumni include (among others)：






- Tung Tzu-Hsien 童子賢, one of the founders of ASUS
- Paul SL Peng 彭雙浪, Chairman & President of AU Optronics Corp.
- I-Hau Yeh 葉儀皓, Founder & President of Elan Electronics Corp.
- Robert Yeh 葉寅夫, Chairman of Everlight Electronics Ltd.
- Raymond Soong 宋恭源, Chairman of Lite-On Group
- Harlem Yu 庾澄慶, singer artist

6 Colleges



19 undergraduate programs

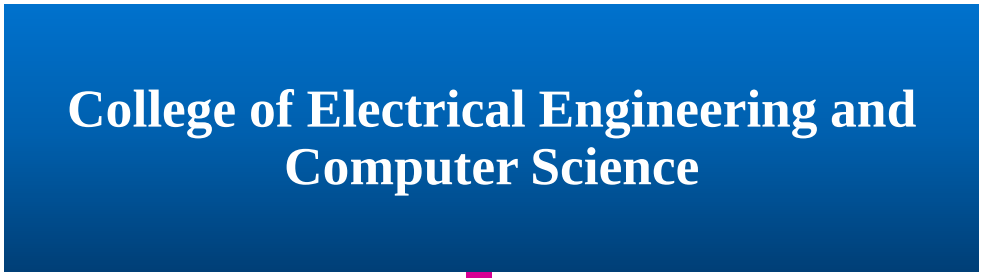
21 Master programs, 17 Ph.D. programs

Over 13,000 students, 10% are international students

National Taipei University of Technology (NTUT / Taipei Tech)

College of Electrical Engineering and Computer Science (EECS College)

College of Electrical Engineering and Computer Science



	Department of Electrical Engineering	Department of Electronic Engineering	Department of Electro-Optical Engineering	Department of Computer Science and Information Engineering
Faculty Members	36	34	20	17

Research & Development

Department of Electrical Engineering

A. Power and Energy

B. Power Electronics

C. Control Systems

D. Communication Systems

E. Computer Systems

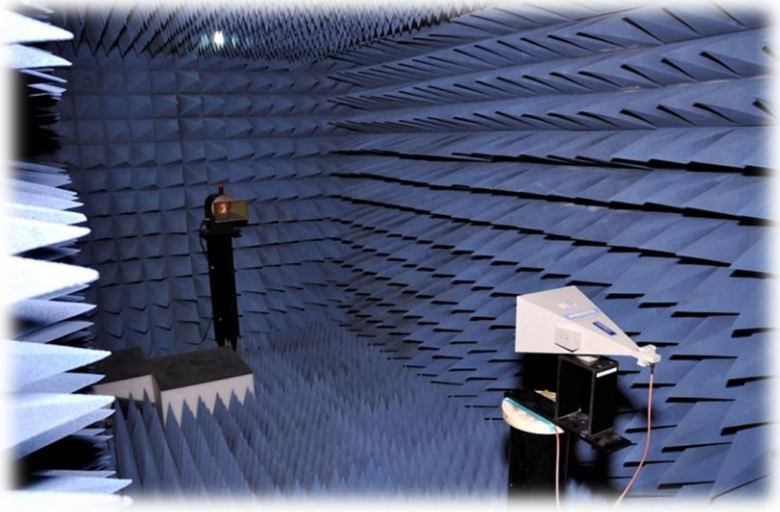
Department of Electronic Engineering

A. Computer Engineering

B. Communication and Signal Processing

C. Electromagnetic Engineering

D. Integrated Circuits and Systems



Research & Development

Department of Computer Science and Information Engineering

A. Multimedia Systems

B. Software Systems

C. Network Systems

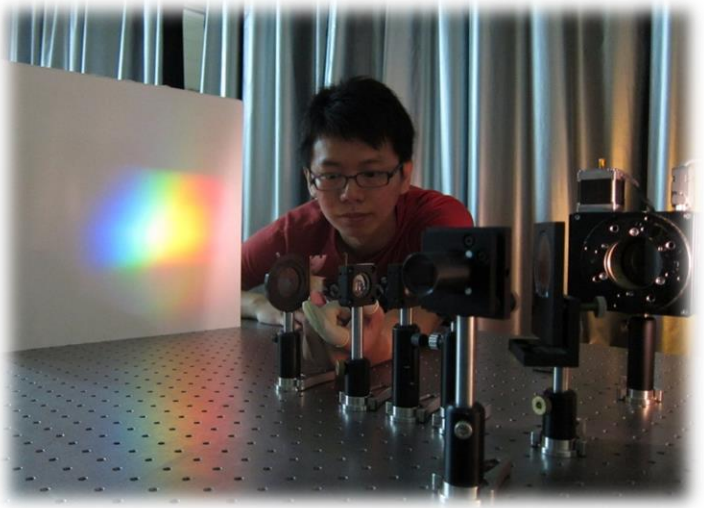
Department of Electro-Optical Engineerin

A. Optical Communications

B. Optoelectronic Material and Devices

C. Flat Panel Display

D. Optical Engineering



Research & Development

M.S./Ph.D. Program of Artificial Intelligence Technology

A. **Machine Learning**

B. **Deep Learning**

C. **Big Data Analytics**

M.S./Ph.D. Program of Information Security

A. Network Security

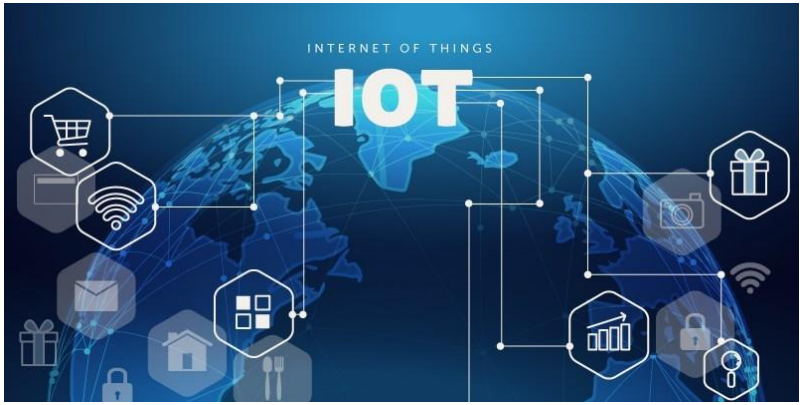
B. Software security

C. Cybersecurity For Finance

Research Highlights

Internet of Things

Project supported by Ministry of Education



Artificial Intelligence

Project supported by Ministry of Education

Research Highlights

Coding 365

Project supported by Ministry of Education

Offshore Wind Power

Project supported by Ministry of Economic Affairs

Research Highlights

Autonomous Car

Project supported by Taipei Tech's Alumni and Cooperated with MIT

Massachusetts Institute of Technology, USA

Teaching Highlights

Smart Sensing Systems
Cooperated with UC

University of
Cincinnati, USA

AI & Big Data EMBA dual program
Cooperated with UTA

University of Texas
at Arlington, USA

Dual Master Degrees (1+1)

University of Cincinnati, USA

Auburn University, USA

University of South Australia

University of Essex, UK

University of Pavia, Italy

Waseda University, Japan

International Graduate Program in Electrical Engineering and Computer Science

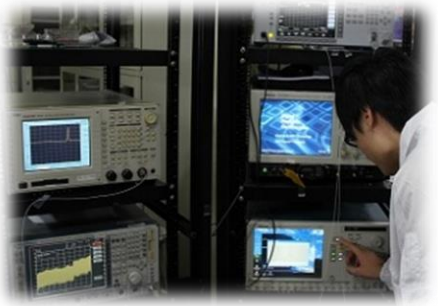
- **This program is designed specifically for preparing international students for opportunities of working in the global ICT industry.**

- **Master's Degree Requirements:**

  a. **32 credit hours of graduate level courses must be completed.**
     - **Required courses (8 credit hours): Master's Thesis (6) and Graduate Seminars (2).**
     - **24 credit hours in the EECS-approved technical course list must be earned.**

  b. **Upon approval by the thesis advisor, a maximum of 6 credit hours of courses taken from the other graduate programs may be credited toward the MS degree.**

  c. **Successful defense of M.S. thesis.**



TAIPEI TECH

International Graduate Program in Electrical Engineering and Computer Science

- **Doctoral Degree Requirements:**

  a. **32 credit hours of graduate level courses must be completed.**
     - **Required courses (14 credit hours): Doctoral dissertation (12) and graduate seminars (2).**
     - **18 credit hours in the EECS-approved technical course list must be earned.**

  b. **Upon approval by the thesis advisor, a maximum of 6 credit hours of courses taken from the other graduate programs may be credited toward the Ph.D degree.**

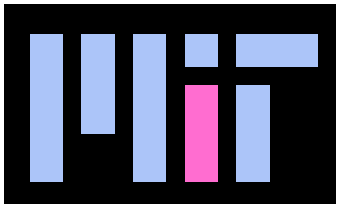
  c. **Successful completion of the Ph.D. qualifying examination.**

  d. **Successful defense of Ph.D. thesis.**

Cooperation Agreement

UCLA, USA

Auburn University, USA



MIT, USA

University of Pavia
Italy

Waseda University
Japan

Osaka Institute of
Technology, Japan

University of Texas
at Arlington, USA

University of Macau

KMITL, Thailand

KMUTT, Thailand

University of
Cincinnati, USA

Zhengzhou University
China

Thank You For Your Attention ☺