

# 国立虎尾科技大学

National Formosa University



## 大学概要

台湾中部の雲林県に立地している。1980年に台湾の精密工業の発展に対応する為、工業専門学校として創立された。

現在、電機情報学部、管理学部、工学部、文理学部、4学部があり、実務訓練等による人材育成を行っている。

近年では、日本の大学と積極的に姉妹校提携を結んでいる。

## アクセス

### ○雲林高鐵駅から

バスで虎尾科技大学駅で下車

- ・7102番線
- ・7120番線

### ○斗六鉄道駅から

バスで虎尾科技大学駅で下車

- ・7120番線
- ・7123番線
- ・7124番線



## 学生寮情報

学生寮 交換留学生は使用可能かを確認中

寄宿料 14,200~21,000TWD/学期



## 語学に関する情報

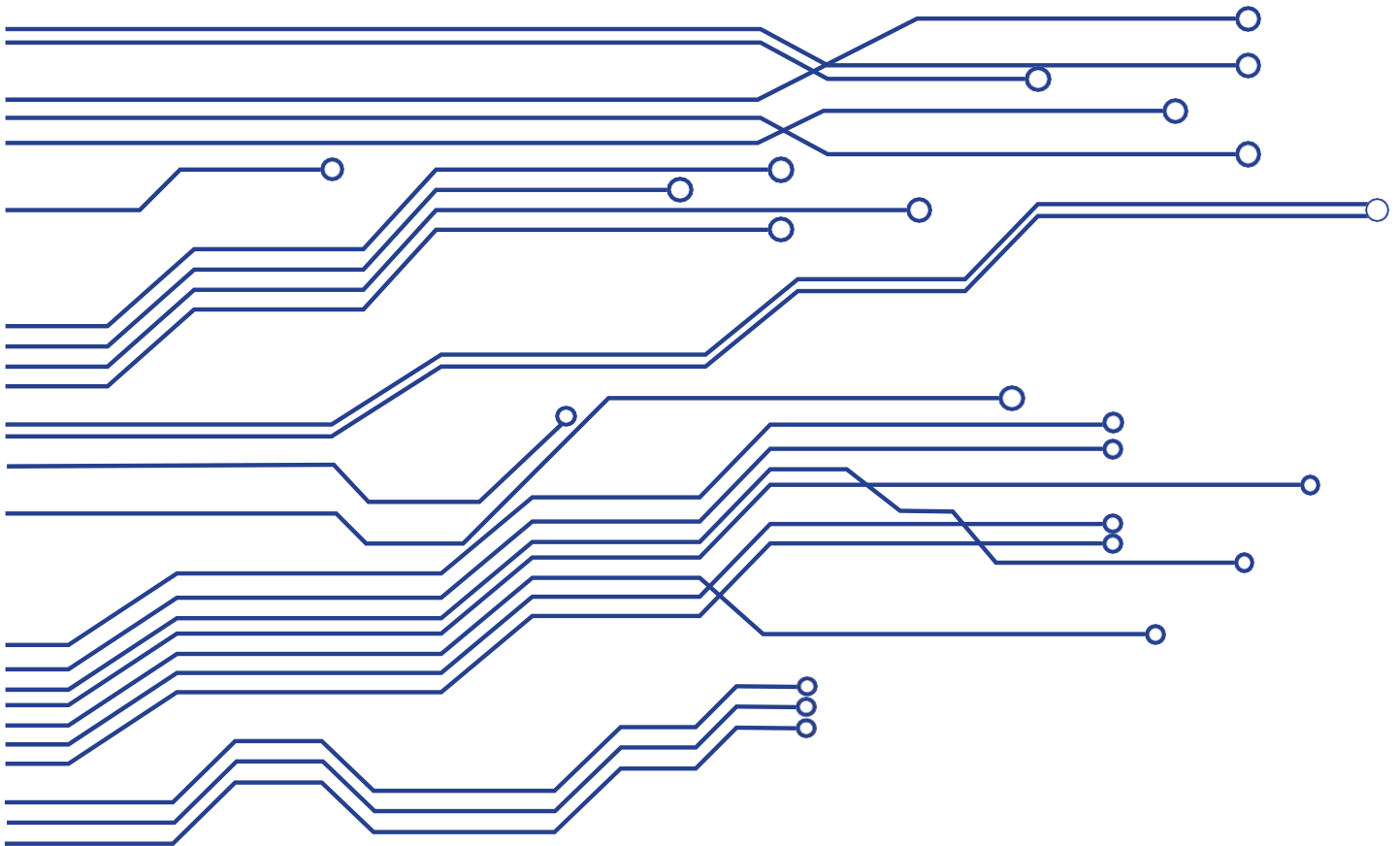
- ・英語での授業の有無 あり
- ・留学生向けの中国語授業 あり

※現在、本学と学生交流協定を結んでいない為、現時点で、本学から短期留学は派遣できない。

※詳細情報はホームページや資料ご参照ください。



**NATIONAL FORMOSA  
UNIVERSITY**







## **Dr. Shinn-Liang Chang**

### *President*

The main target of National Formosa University (NFU) is to create a positive and energetic environment that provides all kinds of activities and chances to let our students receive the best education. Currently, we have many exchange programs, both domestic and overseas internship programs, language exchanges, consulations, collaboration between industries and NFU, different clubs and sport teams. I hope our students can gain knowledge and experience in and even out of the classroom. NFU has all the resources and connections to send students to study overseas, we have partnerships in the US, Japan, Germany, UK, Russia, Korea, and other European countries. Many of our students have done extraordinary work and contributed a lot for our reputation. If you have the ambition and willing to strive, excelsior, the bright future would be yours.

*Shinn-Liang Chang*

“

Highest Postgraduate  
Employment Rate in  
Taiwan!

# Content

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# Where is Taiwan?

*Taiwan, place for benefits of engineering education and job.*



**“13 Taiwanese companies ranked  
among top 100 global tech leaders”**

**Thomson Reuters**



*Find more about Taiwan*



# National Formosa University

One of Taiwan's top five universities holds the honor "Outstanding Technology Transfer Center Award" from the Ministry of Science and Technology.

Established in 1980, at present the university has 4 colleges, 20 departments, 18 M.S. programs and 2 Ph. D. programs. In order to support further scientific research, 4 more specialist centers are established recently: Precision Mechanical Device Developing Center, Optoelectronic and Display Technology Center, Micro-Electronic Mechanical System Design and Application Center, Energy Science and Technology Center, and Agricultural Research and Extension Center. Following the sound principles of student-centered and outcome-led education, we are devoted to the enhancement of educational resources and general education.

By reinforcing these ambitions with intensive language learning and international academic exchange, we offer a superior learning environment for our students. The arrangement of academic activities and appreciation of diverse art forms fosters a greater sense of humanity in our students.

National Formosa University has been ranked as one of the favorite universities in its category by young people and businesses from the aspects of faculty quality, educational outcome, student counseling, and professional research, cooperation with industry, academic exchange, and continuing education.



## Yunlin Triangle

Acting on the National Taiwan University (NTU) initiative in 2016, NFU together with NTU and NYUST formed Yunlin Triangle - the alliance of three eminent universities in central Taiwan. The historic alliance has been the latest honor to our university.

# 142

International students

# 18

Master's degree programs

# 4

Colleges

# 12 000

Students

# 2

Doctoral degree programs

# 20

Departments



# Innovation Leads

## The Cross-Disciplinary Innovation Makerspace

Our university has activated the 1,058m<sup>2</sup> “Cross-Disciplinary Innovation Makerspace” in 2016, officially becoming the “Central Taiwan Dream Maker Base” and devoted to the cultivation of creative and innovative talents; it further integrates other advantageous domains in the university to develop the university’s precision electromechanical core capability and creative innovation advantage.

## Renaissance School

Through interdisciplinary learning and interactions, as well as via the process of students conducting the creativity, innovation and entrepreneurship curriculum, Renaissance School education thereby accomplishes the objectives of mutual communication, learning and studying. The main task is to organize a serial of workshops on creative design Thinking for different groups of participants.

## Smart Machine Module Course

It promotes industrial fundamental techniques, started “Smart Machine Module Course” to set a solid foundation for precision machinery industrial technology in Taiwan; the Department of Computer Science and Information Engineering is responsible for the course, and it is offered as an elective course to all university students; the number of students taking the fundamental compulsory course on “Outline of Smart Machine (Industry 4.0)” reached 123 people, demonstrating that the interdisciplinary characteristic of smart machines is suitable for students from different domains to study.

## Recent achievements



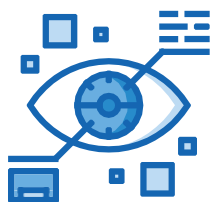
2022 Top Universities in Manufacturing Industries: The 3<sup>rd</sup> place in the University for Science and Technology. Top 10% Universities in Employers' Ranking.



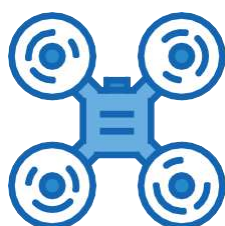
Granted the Exemplary University of Science and Technology Project from 2013-2017 in total 12 out of 76 in Taiwan. Granted the Teaching Excellence Project for 11 consecutive years from 2006 to 2017.



In 2014, 2016, the Department of Mechanical Design Engineering teams represented Taiwan and won gold the World Robot Olympiad.



Outstanding Technology Transfer Center, the honor awarded by the Ministry of Science and Technology 5 times in 2007, 2008, 2010, 2011, and 2012 respectively.



Pilot technology transfer projects: Ranked No.2 in Taiwan in obtaining pilot technology transfer projects from 2005 to 2013.

# Degree programs

## College of Engineering

- Department of Mechanical and Computer-Aided Engineering
- Department of Materials Science and Engineering
- Department of Mechanical Design Engineering
- Department of Power Mechanical Engineering
- Department of Automation Engineering
- Department of Vehicle Engineering
- Department of Aeronautical Engineering & Graduate Institute of Aeronautical and Electronic Engineering

	BSc	MSc	Ph. D
Department of Mechanical and Computer-Aided Engineering	●	●	
Department of Materials Science and Engineering	●	●	
Department of Mechanical Design Engineering	●	●	
Department of Power Mechanical Engineering	●	●	●
Department of Automation Engineering	●	●	
Department of Vehicle Engineering	●	●	
Department of Aeronautical Engineering & Graduate Institute of Aeronautical and Electronic Engineering	●	●	

## College of Management

- Department of Information Management
- Department of Finance
- Department of Business Administration & Institute of Business and Management
- Department of Industrial Management

	BSc	MSc	Ph. D
Department of Information Management	●	●	
Department of Finance	●	●	
Department of Business Administration & Institute of Business and Management	●	●	
Department of Industrial Management	●	●	

College of Electrical and Computer Engineering

- Department of Electronic Engineering
- Department of Electrical Engineering
- Department of Electro-Optics Engineering & Institute of Electro-Optical and Materials Science
- Department of Computer Science and Information

	BSc	MSc	Ph. D
Department of Electronic Engineering	●	●	
Department of Electrical Engineering	●	●	
Department of Electro-Optics Engineering & Institute of Electro-Optical and Materials Science	●	●	●
Department of Computer Science and Information	●	●	

College of Applied Arts and Science

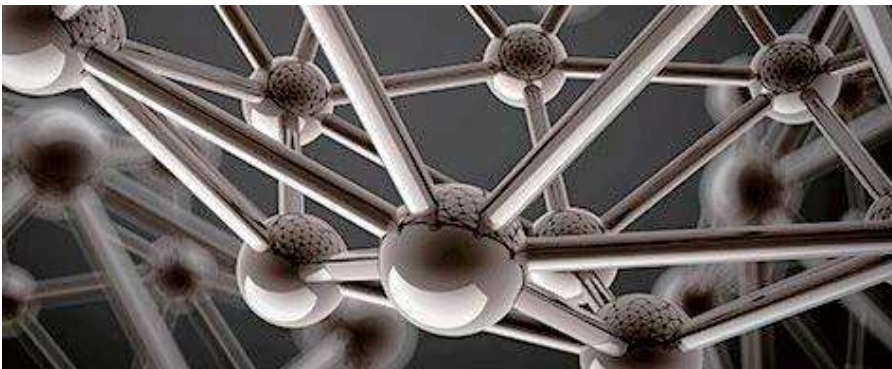
- Department of Biotechnology
- Department of Applied Foreign Languages
- Department of Multimedia Design & Institute of Digital Content and Creative Industries
- Department of Leisure and Recreation
- Department of Agricultural Technology

	BSc	MSc	Ph. D
Department of Biotechnology	●	●	
Department of Applied Foreign Languages	●		
Department of Multimedia Design & Institute of Digital Content and Creative Industries	●	●	
Department of Leisure and Recreation	●	●	
Department of Agricultural Technology	●		

- All the courses are taught in English
- Some courses are taught in English
- All the courses are taught in Chinese



Department of  
Mechanical and  
Computer-Aided  
Engineering



Department of  
Materials Science  
and Engineering



Department of  
Vehicle Engineering



Department of Aero -  
nautical Engineering &  
Graduate Institute of  
Aeronautical and  
Electronic Engineering



Department of  
Automation  
Engineering





Department of  
Power Mechanical  
Engineering



Department of  
Mechanical Design  
Engineering



Department of  
Biotechnology



Department of Applied  
Foreign Languages



Department of  
Multimedia design &  
Institute of Digital  
Content and Creative  
Industries



Department of  
Leisure and  
Recreation



Department of  
Industrial Management



Department of  
Information  
Management

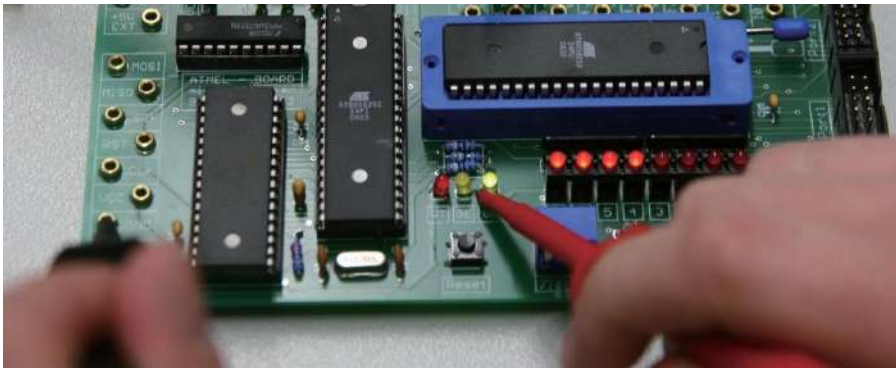


Department of Finance



Department of  
Business  
Administration &  
Institute of Business  
and Management





Department of  
Electronic  
Engineering



Department of  
Electrical  
Engineering



Department of  
Electro-Optics  
Engineering & Institute  
of Electro-Optical and  
Materials Science



Department of  
Computer Science  
and Information  
Engineering



Department of  
Agricultural  
Technology

### Features

The College not only focuses on internal scientific curriculum and educational techniques, but also intends to reflect external changing and economic context. Our various course programs are specially designed for the students who are interested in any subjects related to engineering.

Our research laboratories include basic research programs and practical industrial collaboration in order to strengthen both multidiscipline and core-techniques for the students.

The college has 7 departments, 7 Master programs and 1 PhD program. Currently, there are 122 academic staff and 3,757 enrolled students (including Master and PhD programs).

According to Accreditation Board for Engineering and Technology, ABET, the organization by which the standards that each undergraduate must reach as below:

- 1) Acquiring the abilities of repairing, examining and handling the breakdowns.
- 2) Analyzing and solving the engineering problems or designing.
- 3) Studying the basic knowledge of

Aviation and Mechanics for further education in the graduate institute

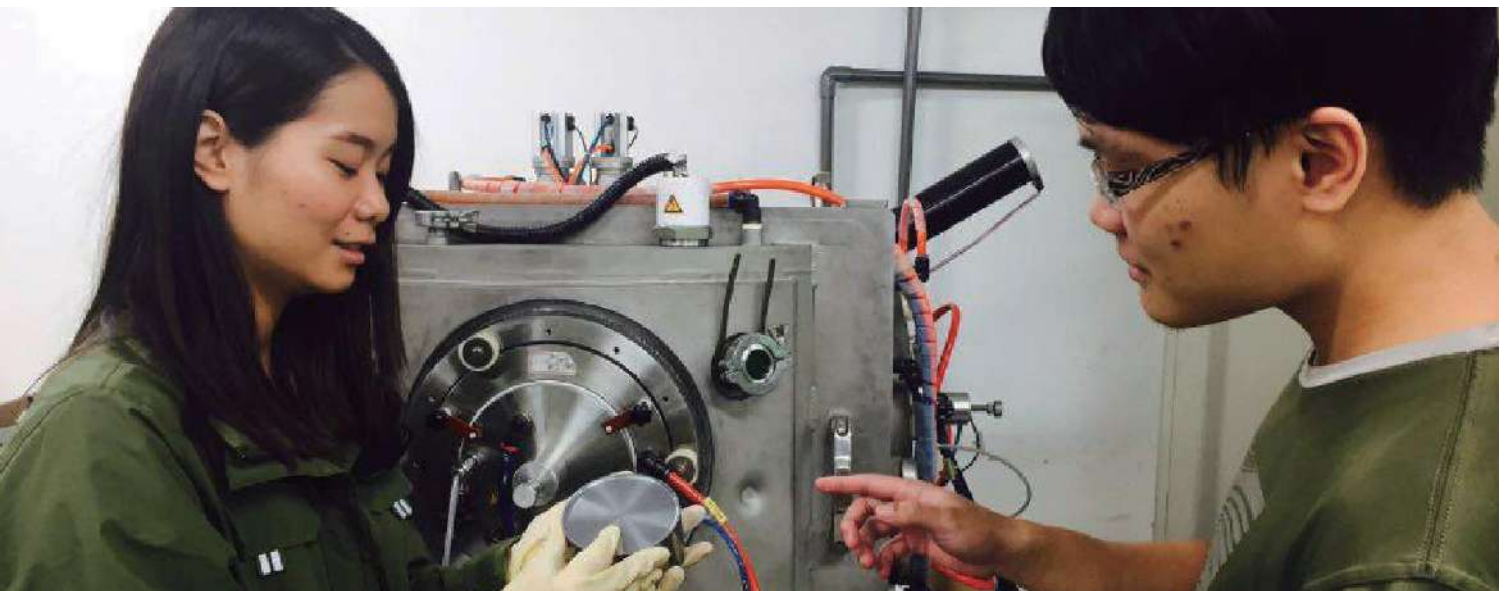
- 4) Continuous learning through studying on one's own
- 5) Following the norm and being responsible for the assignments, and to work efficiently.
- 6) Improving teamwork efficiency and behaving well with the other crew members.

The College has a great reputation in its multidisciplinary courses, especially in Precision Mechanical Engineering, Micro Electromechanical Engineering, Materials Science, Green Energy Engineering, Aviation Technology, and Transportation Engineering.

### Visions

1. Enhance students' professional skills.
2. Conduct "Project of Excellence" to improve our educational environment.
3. Revitalize humanistic education.
4. Encourage innovative research, and academic-industrial cooperation.
5. Strengthen cross-school and cross-university communication, and strengthen students' technical talent in mechanical, electrical, optical and other related fields.

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Website: [engcollege.nfu.edu.tw](http://engcollege.nfu.edu.tw)  
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### Features

Currently, the college has 5 departments and 3 master programs, 53 faculty members and 1,299 enrolled students. Our college provides a wide range of courses in the field of humanities, arts and sciences. Students who have an interest in Applied Foreign Languages, Bio technology, Leisure and Recreation, and Multimedia Design will find a learner-centered environment where they can acquire expertise and practical skills in their chosen specialist subjects. Moreover, our outstanding faculties are active in various fields. Many of them are appointed as supervisors in other universities and are invited to serve as advisors in private and public institutions. Their writings are often used as college textbooks, and their publications are making an important contribution to academic research in professional journals and at international conferences.

### Current Objectives

1. The college encourages students to embrace imagination and creativity in a vision that is interdisciplinary in nature. The associate departments all work together to make this vision a reality.

2. The college offers qualified graduate and undergraduate students a variety of high quality programs that ensure they are ready to take up their chosen career upon graduation.

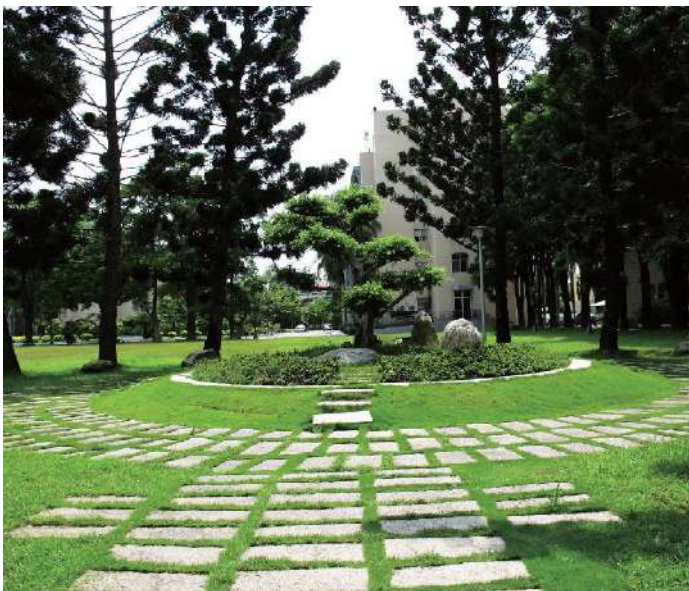
3. The college makes an effort to expand and internationalize human resources and is devoted to the cultivation of a campus where knowledge and humanistic concerns are of equal importance.

### Visions

1. We aim to provide a variety of advanced classes and short-term programs to help students get professional career licenses; Furthermore, we also establish student self-study centers, and research & service centers to connect to the industry.

2. The college will work to develop multicultural ideals and enhance academic ability. We promote the academic potential of instructors and increase cooperation between the school and local communities.

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## College of Electrical and Computer Engineering

### Features

The college is based on electrical, electro-optic, computer and electronic engineering.

Currently, the College of Electrical and Computer Engineering has 4 departments, 4 Master programs and 1 Ph.D. program. There are 70 faculty members and more than 1,837 enrolled students.

### Visions

The educational goal of the college is to train high-tech talents of electrical and computer engineering towards the development of technical research universities with education policy of school. Based on research achievements and features of all the teachers, and combined with national industrial technology, the college promotes industry-university cooperation in order to achieve industrial upgrading and the goal of technology

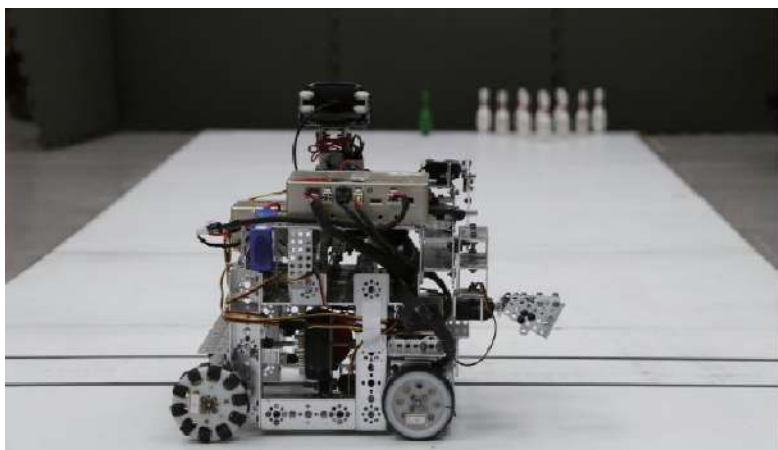
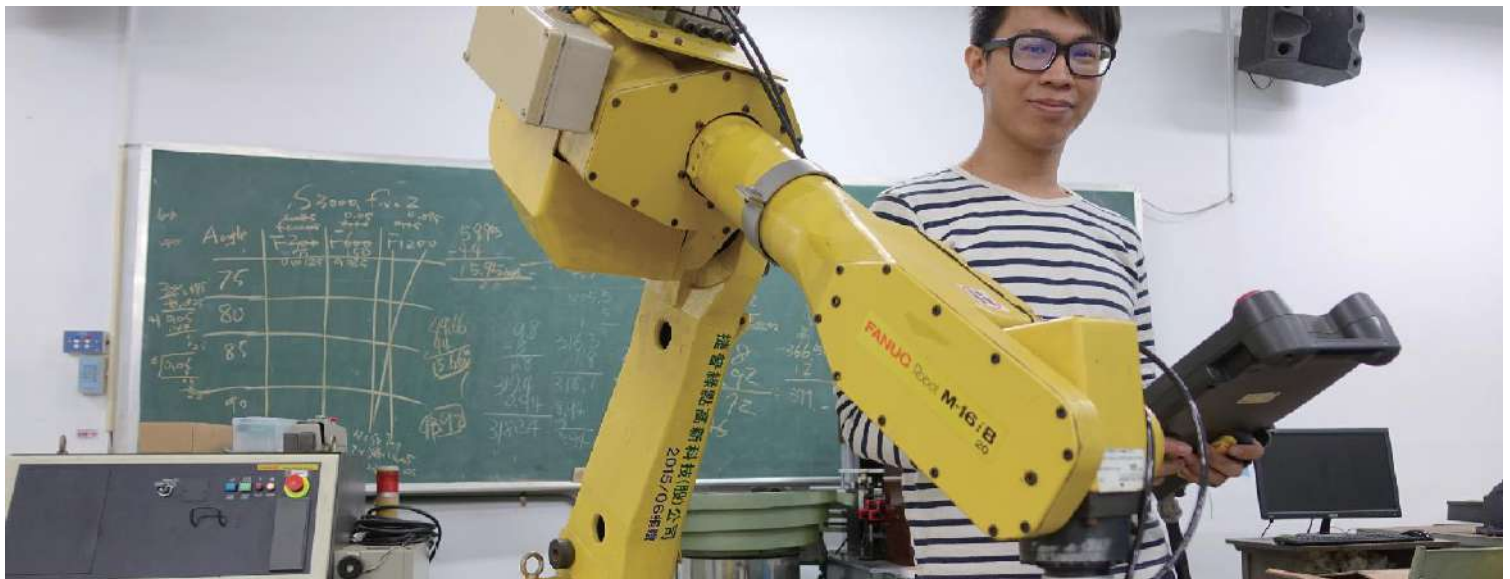
development. Our major development areas are as follows: Optoelectronic devices and materials, optoelectronic precision measurement, optical information and optical communication areas, processing electrical engineering, systems control engineering, SoC system and communications & network engineering, bioinformatics, network communication and multimedia design, optoelectronic semiconductor materials and devices, integrated circuit design, and microwave communication.

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e-mail: [cecel@nfu.edu.tw](mailto:cecel@nfu.edu.tw)





### Features

Currently, the College has 4 departments, 4 Master programs, 47 faculty members and 1,388 enrolled students. Our objective is to cultivate managers and leaders with innovative ideas and decision-making ability, with an emphasis on theory and practical experience. Based on this plan, our students are trained to adapt to the ever-changing business environment, discern important trends and be competitive in the market. Key focuses of the College's plan include:

- 1) Improving curriculum design in accordance with license exams in business and management.
- 2) Updating industrial information on electrical and electronic engineering; developing business administration technology.
- 3) Emphasizing the management and marketing of the innovative technology and products.
- 4) Increasing opportunities for academia-industry cooperation.

### Visions

We aim to promote management specialization by collaborating with instructors and research resources in other departments. We are keen to embrace multi-cultural education by inviting outstanding teachers and professors to teach, promoting quality teaching and increasing the competitiveness of our research and services. Further, our college also focuses on the connection between professional knowledge and advanced management skill. We have successfully reached a balance between theory and practical experience in a way that inspires originality, creativity and proper decision-making.

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# Admission and Scholarship information

## Admission

NFU offers students the opportunity to develop diverse skill sets by offering multi-disciplinary and inter-departmental programs. In order to motivate students' great potential, the university offers several scholarship schemes for incoming and outgoing students. Join our unique educational community and develop your career with us! It will be challenging, demanding, but highly rewarding.

### Deadlines for application

Spring semester:  
November 18th

Fall semester:  
May 20th

### Tuition and Scholarship

NFU currently offers nearly \$3.3 Million in scholarships and student financial aid annually. We also actively assist our students to apply for other scholarships schemes and on-campus part-time job provided by other institutions.

### Scholarship includes:

Tuition Waiver  
Living Expense Stipend

### Duration and Amount

Bachelor: for 4 years,  
about 100 USD per month

Master: for 2 years,  
about 280 USD per month

Ph. D.: for 4 years,  
about 500 USD per month

### English language requirements

TOEFL ITP	460
TOEIC	550
IELTS	5.0
TOEFL IBT	51
TOEFL CBT	147
TOEFL PBT	467

### Online application





Other scholarship options: New international students could apply for scholarship while applying for Admission

1) The Ministry of Foreign Affairs offers “Ministry of Foreign Affairs Taiwan Scholarship”

Applicants are residents of countries with diplomatic relations to Taiwan, and the scholarship duration would be Chinese study for 1 year, undergraduate program for 4 years, Master’s program for 2 years, and Ph.D. program for 4 years. The scholarship amount would be NTD25,000 - 30,000 per month. The overseas offices will announce the enrollment guide in February, and the application period will be from February to April. Simultaneously, application for college entrance permissions will be sent out to colleges/universities in Taiwan. For more information, please refer to the MOFA scholarship website.

2) The Ministry of Education offers “Ministry of Education Taiwan Scholarship.”

The MOE Taiwan Scholarship continues to encourage outstanding international students (excluding students from Mainland China, Hong Kong and Macau) undertaking undergraduate and postgraduate studies in Taiwan. Application period: February 1 to March 31 (subject to change). For more information, please refer to the MOE scholarship website.





# Arriving

## ARC Application /ARC Extension

Fill in application form and apply ARC in person.

- 1) ARC extension application must be done 1 month earlier than the expire date.
- 2) Require documents: application form, passport, In school-study Proof, and one piece of 2-inch photo with white backgrounds (one may need to take new photos which fit above conditions).
- 3) Application fee (NT\$2000).

## Campus Life

A huge variety of student organizations, activities and events, sports activities, exhibitions and performances keep campus lively. It brings new experience to students and inspires their enthusiasm every day.

## Postal Saving Account

The post office provides services including delivery of mail, postal savings, remittance, and simple life insurance. It also offers limited banking services. To open a postal account in the post office, please go to any post offices with the following items ready: New Account Application Form, Alien Resident Certificate (ARC), Valid Passport, a seal with your Chinese name in traditional characters, and a minimum deposit of NT\$100.

Applicants without a valid ARC are required to present a "Record of ID No. in ROC" (available upon request from the branch offices of National Immigration Agency).

## Annual Living Expenses

4500 USD (including dormitory\*, food, transportation, and books)

## Dormitory

Dormitory Fee (NT\$15200)

Students pay for room fees NT\$15200 per year (including winter vacation dormitory stay and NT\$1000 for security deposit.)

Security deposit NT\$1000 will be wired back to the student's personal account in Taiwan if the student does not break the dormitory regulations while moving out of dormitory. Room fees for summer vacation dormitory stay are NT\$490 per week.





# Student life



Library



Presentation classes



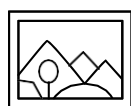
Student club and communities



NFU Museum



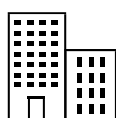
Laboratories



Art center



Language center



University accommodation complex



Computer center



Modern sport center





The campus Student Activity Center is a place for students to participate in extracurricular activities, inspire their creative skills, and practice planning, leadership, communication, negotiation, and problem solving.



International Keynote Speech



Flying Course



Diwali Celebration



Christmas Winter Party



Annual Airplane Maintenance Camp



Chinese Couplets







NATIONAL  
FORMOSA  
UNIVERSITY



Office of International Affairs

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Address: No.64, Wunhua Rd., Huwei  
Township, Yunlin County 632, Taiwan

Design by Mariia Ominina



## 國立虎尾科技大學相關資料

The relevant information of the National Formosa University

學校地址: 雲林縣虎尾鎮文化路 64 號

The address of the National Formosa University: No.64, Wenhua Rd., Huwei Township, Yunlin County 632, TAIWAN

### 交通方式

#### Transportation Information:

第一步: 下飛機後, 搭乘機場捷運至桃園高鐵捷運站。

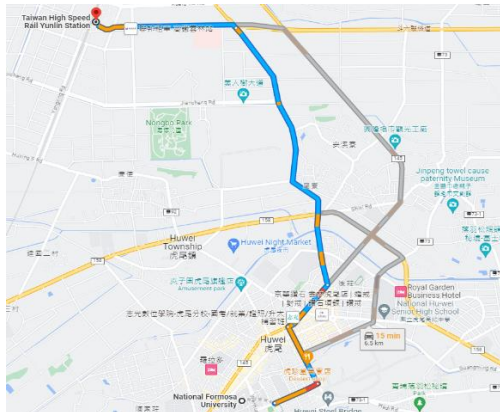
STEP 1: Take Airport MRT to Taoyuan High-Speed Railway Station

第二步: 搭乘台灣高鐵至高鐵雲林站。

STEP 2: Take Taiwan High-Speed Railway to Yunlin Station (Huwei).

第三步: 搭乘公車或計程車到國立虎尾科技大學。

STEP 3: Take a bus or Taxi to National Formosa University.



### 附近交通工具

#### Transportation near NFU

虎科大的學生最常使用的大眾交通運輸工具為公車, 高鐵站也位於學校附近,

如果要到其他縣市，高鐵也是一個方便的交通方式。

Students from National Formosa University usually take buses to get around the area. Taiwan High-Speed Railway is near the NFU campus, so taking THSR is also a great way to travel.









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