Message of President

The motto of Southern Taiwan University of Science and Technology (STUST) - "Trust, Justice, Sincerity, and Honesty" - has been endorsed and upheld by her board members and presidents over the past 45 years. These four principles have also served as the core values on which the institution has been built. Consistently striving to reach our educational goals with great effort, the university has excelled in many areas when compared to other technological universities in Taiwan, and it will further transform itself into a world-class university in the near future.

STUST aims to become an internationally competitive, top-ranked university, and an excellent partner of industry. Guided by such a vision, we will endeavor to understand the needs of industry, through collaborative projects, provide the practical ideas and technology that industry requires to solve whatever problems it may face. "Integrity, Pragmatism, Innovation, and Excellence" are the four educational ideals of our university. "Integrity" originates from our long-held tradition which celebrates sincerity and honesty. "Pragmatism" denotes our enthusiasm to pursue both efficiency and efficacy in a practical manner. "Innovation" refers to our many initiatives to boost creativity and facilitate revolutionary breakthroughs, while "Excellence" implicitly embodies our pursuit of advancement in teaching, research, and service provision until they have each been perfected.

Our educational goals are based on our founding ideals and the developmental trends of our country, ideas that continue to guide our efforts in cultivating prominent professionals with scientific knowledge, a humanistic upbringing, pioneering thinking, and global vision.

STUST has identified five strategic imperatives critical to our future development: informationization, humanization, innovation, industrialization, and internationalization. As an educational institution, we seek to foster professional competence and humanistic concerns in our students, to improve the software and hardware facilities of the campus, to connect theories to practices in research and teaching, to promote academia industry cooperation, and to balance localization and globalization. With the full support of the university board, our faculty and staff have dedicated themselves to creating an advanced, energetic, and competitive institution of higher education which will seriously fulfill its educational mission and effectively solve industrial problems, so as to cope with drastic changes in both higher education and the industrial environment.
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校徽
THE SCHOOL EMBLEM

Emblem

Southern Taiwan University of Science and Technology’s educational policy and goals are clearly illustrated by our school emblem:

• The hexagonal shape on the left represents a screw which stands for the Colleges of Engineering and Digital Design, while the color blue symbolizes the steadiness and purity of these two colleges.

• The round shape on the right is like a coin and represents the Colleges of Business and Humanities, and the color red represents the warm friendship and lively activities of these two colleges.

• The overlapping part represents the close cooperation between all areas of the university.

• The shape in the center is a taichi symbol, which represents the blending of the humanities with science and technology in education, a strategy which will lead to great power and continual improvement.

校訓
THE SCHOOL MOTTO

信、義、誠、實四者，

皆為吾人立身處世之基本原則，非獨吾校先哲所重，即名歐美法系亦以之為重要法則，故定為校訓。願與我全校

生共勉之。

信、義、誠、實

TRUST, JUSTICE, SINCERITY, and HONESTY

*Trust, justice, sincerity, and honesty are the basic principles of our lives. They are now regarded as the motto of our school. I hope

all of us will strive to fulfill them.*

Wen-Ping Hsin, Founder of STUST (February 1977)
As a National policy Advisor to the President, Mr. San-lian Wu responded to the government's encouragement to private representatives to establish a school to help develop professionals for industry and business. He invited enthusiastic local academics, Wen-Ping Hsin, Xu-xiu Wu, and Li-tang Chang, to donate funds in order to establish a first-class school. Since our humble beginnings, STUST has grown from a junior college of engineering to an institute of technology to our current standing as a university of science and technology.

Founded in 1969 as Nan Tai Junior College of Engineering, STUST is located in the north-eastern suburb of Tainan City. In March 1972, the Ministry of Education approved the establishment of the five-year junior college. Several business departments were added, and our school was renamed “Nan-Tai Junior College of Engineering and Business.” In 1996, with its excellence in education, STUST was upgraded from a junior college to an institute of technology. By the time we had four colleges, STUST became a university emphasizing both academic and technological advancement. The growth of STUST has been prosperous and rapid. We continually work towards the goal becoming a university excellent in humanization, informationalization, industrialization, innovation and globalization.

Our institute was founded by a private organization and has a strong ambition to become a distinguished school. Today, with its aim of whole-person education, the school is continuing its immense efforts to promote the position of vocational education and to cultivate young minds with great talents for the development of our industrial and business society.
"Willing to educate qualified students” and “benefiting society and adding to the development of our nation” are lyrics that appear in STUST’s school song, and they were the purposes of establishing this university. The mission of STUST is to pursue academic excellence in both technological fields and in the humanities. Over the past 45 years, with the board of directors and tens of thousands of teachers and students working together, STUST has grown and developed. We are now undoubtedly the leader in terms of private universities of technology in Taiwan. We seek to achieve the following in order to become the top international private university of technology.

- To conduct research, be innovative, and pursue excellence.
- To integrate local resources and increase the opportunities for cooperation between industry and academia in order to develop regional advantages.
- To recruit outstanding teachers in order to develop major technology and secure national funding.
- To develop a diversified learning curriculum which places equal emphasis on both the technological sciences and the humanities, thereby creating graduates who are not only well trained and highly qualified but are also upright citizens.
- To construct and further enhance teaching, learning, and research facilities.
- To build a free and open education system that focuses on the whole person by promoting creativity, discipline, and cultural literacy, as well as instilling in our students a quest for knowledge that extends into life-long learning.
- To build a global alumni organization, so that with alumni support the university can continue to move forward.
- To create international partnerships with other universities with a focus on both going out into the world and in bringing the world to us.

**MISSION**

本科校歌中的“育英英才”、“服務社會、建設國家”為教育宗旨；“學術技術都發展”為教育內涵。走過四十餘年的歲月，歷經校長與師生戮力同心的共同努力，兩屆校務委員會之推動，如今已成為台灣私立科技大学的學府，而且繼續推動下列工作，加速邁向國際頂尖科技大學之目標。

- 深耕研究、多元創新、追求卓越。
- 結合優質國際建設優勢。
- 興際建設優勢、發展重點科技。
- 興際建設優勢、人文及多樣之多元學習環境，培養學術菁英的優質人才。
- 未來並兼覆教學及研發設置。
- 建構人性化管理制度及自由開放的教育環境。
- 全面校友力量，建立全球性校友組織，促進校友及學校發展。
- 立足臺灣、放眼世界的國際化發展。
**University Achievements**

STUST has many outstanding achievements and is regarded as one of the best universities in Taiwan. Some of its remarkable accomplishments are highlighted below.

- **2012–2015**: Consecutively granted NT$337 million by the Ministry of Education (MOE) for Technological University Paradigms, received the fifth place among national universities of science and technology, and the first place among private universities of science and technology.
- **2006–2015**: Consecutively granted NT$683 million by MOE for the National Teaching Excellence Project, received the second place among national universities of science and technology, and the first place among private universities of science and technology.

In the last nationwide accreditation conducted by the MOE in 2009, the university was ranked first among all public and private technical and vocational universities.

**Cheers Magazine** announced in 2015 that STUST was the private university of science and technology most favored by enterprises.

**STUST Shines on the World Stage:**

- At the International Exhibition of Inventions of Macao, we won one gold, one silver, and one bronze medal.
- At the 29th Invention & New Product Exposition, 2014, we received three gold and four medals. We also received the Special Award of Korea.
- At the 42st Geneva International Exhibition of Inventions, 2014, we won three gold, two silver, and one bronze medal.
- At the 2014 Korean International Women’s Invention Exposition, we won three gold medals.
- At ITEK 2013 in Malaysia, we received two gold and two silver medals.
- At the 2012 Red Dot Awards, we won the “design concept winner” award.
Campus Life

Student Good-Will Angels

Library

Energy

Campus Scene
INTERNATIONAL ACADEMIC EXCHANGE AND COOPERATION

Facing keen global competition in the 21st century, we are devoted to integrating the associate resources and promoting international cultural and academic exchanges. Through these international academic exchanges, we aim to arm our students with a strong command of foreign languages and to cultivate them into global citizens. We actively seek opportunities to interact with prestigious universities overseas and to create opportunities for our faculty members to broaden their academic experience and for our students to pursue further studies abroad. We have made it our aim to be an internationalized university in terms of academic research and higher education.

Encouraging Study Abroad

The number of undergraduate and graduate students with study abroad experience continues to increase every year. In addition to the current exchange program for undergraduates, we have launched a one-year study abroad program for juniors in order to promote international education one step further. Every summer, we send study groups overseas which encourage our students to experience different cultures and ways of life. We anticipate more than 200 students will participate in our study abroad programs every year.

Building Formal International Links

STUST has established formal academic relationships with 193 universities around the world, including renowned universities in the USA, Canada, Peru, Paraguay, UK, France, Germany, the Netherlands, Spain, Austria, Switzerland, Sweden, Croatia, Czech Republic, Hungary, Poland, Estonia, Romania, Russia, Australia, New Zealand, Japan, Korea, The Philippines, Mongolia, China, Vietnam, India, Thailand, Malaysia, and Indonesia.

Recruiting International Students

Currently, we have eight English-taught programs: the Global MBA program, the MS and Ph.D. programs in Mechanical Engineering, the MS and Ph.D. programs in Electrical Engineering, Doctoral Program of Business Management, International Finance Program, and International Business Program. We eagerly recruit international students. We provide them with Chinese lessons, assistantships, and comprehensive services. We aim to recruit an increasing number of outstanding international students each year.
工學院
College of Engineering

系所
- 堅網工程系（所）
  - 堅網工程系機電科技博士班
  - 堅網工程系電子科技博士班
  - 堅網工程系電機工程博士班
- 電機工程系（研究所含碩士班）
  - 電機工程系生物醫學工程碩士班
  - 電機工程系運動醫療工程碩士班
- 星電工程系（所）
- 電子工程系（研究所含碩士班）
  - 電子工程系通訊工程碩士班
  - 電子工程系電子與微電子碩士班
- 資訊工程系（所）
- 化學工程與材料工程系（所）
- 生物科技系（所）

Departments
- Department of Mechanical Engineering (Master's Program)
  - Ph.D. Program in Mechatronics Science and Technology
  - Master's Program in Nanotechnology
  - Master's Program in Energy Engineering
- Department of Electrical Engineering (Master's/Ph.D. Program)
  - Master's Program in Biomedical Engineering
- Department of Electronic Engineering (Master's/Ph.D. Programs)
  - Master's Program in Communication Engineering
- Department of Computer Science and Information Engineering (Master's Program)
- Department of Chemical and Materials Engineering (Master's Program)
- Department of Biotechnology (Master's Program)

研究中心
- 生技產品試製與產業產品功能性評估技術研發中心
- 高負荷科技研究中心
- 光電電子中心
- 精密機械研發中心
- 生醫機械研究中心
- 光電與精密電路故障分析中心
- 自動化中心

Research Centers
- Biotechnology Research Center
- Nanotechnology Research Center
- Optoelectronics Semiconductor Center
- Biomedical Electronics Center
- Precision Machinery Research Center
- Ancient Machinery Research Center
- Failure Analysis of OE & IC Center
- Automation Center
設立宗旨
培育具有創新思維，實踐能力，敏銳洞察與臨場應變素養的工程專業人才，並增進社會人脈，培植新興產業及生活環境。

教學目標
- 培養高適用性之本系專業技術，具備解決問題，及系統整合之能力的工程人才。
- 實施學能測試之應用技術，促進教學相長領域之研發。
- 結合產業需求與需求，促進工程之廣泛應用。
- 培養終身學習與社會觀念之人格特質。

發展特色
- 微-奈米技術系統元件加工與檢測技術。
- 先進數位醫療影像之發展與應用。
- 先進量測與系統晶片技術之研發。
- 實驗系統之研發。
- 電子型態系統之開發。
- 太陽能光電及LED工程技術。
- 開發新式及現有用電機，基因工程及基因改良技術。
- 高級資訊之發展與應用技術，精密儀器製造與全安全性評估。
- 僑台衛生技術創新工程技術。
- 先進數位醫療應用技術，生物工程及影像處理技術。
- 綠色能源產業之製程與設備開發。
- 醫療器材製造技術之研發。
- 智慧型醫療禦動裝置與開發。
- 特種機器人之研發技術研發。

Prospects
We are devoted to engineering research and education, and we aim to serve society by building new living environments through nurturing creative thinking, professional competence, team spirit, and vocational ethics.

Objectives
- To educate students with engineering, management, and system integration expertise, and develop engineers who are capable of solving real-world problems independently.
- To train individuals who are able to incorporate theories and practices in order to engage in research and development of related fields and to foster prosperity based on the vision and the needs of the industries being worked with.
- To raise students’ attention to the importance of life-long learning and social concerns.

Features
- Fabrication and measurement techniques of micro- & nano-electro- mechanical components and systems.
- Intelligent control and automation systems.
- Research and development of advanced vehicles and new energy.
- Research and development of advanced communication and system chip techniques.
- Research and development of cloud computing technique.
- Development of smart grid systems.
- Photovoltaic and LED engineering techniques.
- Development of specific and healthy mushroom spawn, genetic engineering, and improvement techniques of mushroom spawn.
- Fermentation and cultivation techniques of high-class fungi, certification and safety evaluation of health-care products.
- Bionics technology and creativity technique.
- Applications of digital signal processing, biomedical engineering, and image processing.
- Applications of nanotube, opto-transistor, and magnetic recording materials.
- Process and equipment development of green energy industry.
- Key technique development of medical treatment devices.
- Development of smart lightweight transporter.
- Key technique development of feature robotics.
**College of Business**

- Doctoral Program of Business Management
- Department of Management and Information Technology
- Master’s Program in Industrial Management
- Department of Information Management (Master’s Program)
- Department of Business Administration (Master’s Program)
- Master’s Program in Human Resource Management
- Department of Marketing and Logistic Management (Master’s Program)
- Department of Leisure, Recreation, and Tourism Management (Master’s Program)
- Department of Hospitality Management (Master’s Program)
- Department of Finance (Master’s Program)
- Department of International Business (Master’s Program)
- Department of Accounting Information (Master’s Program)
- Electronic Business Program
- International Finance Program
- International Business Program
- Graduate Institute of Financial and Economic Law
- Executive Master of Business Administration
- Global Master of Business Administration

**Research Centers**

- Electronic Business Research Center
- Integrated Marketing Communications Center
Prospects
The College of Business of STUST aims to become a highly recognized and influential business school throughout the Asian region. We are devoted to the enhancement and dissemination of business knowledge to serve Taiwan and the global community.

Objectives
Utilizing theory and practice, we train our students to be professionals with business management expertise and information skills, problem-solving and analytical skills, and interpersonal communication and coordination skills. This is supplemented by socially minded ethics to meet the needs of enterprises in Taiwan and the Asian-Pacific region.

Features
- Proactive orientation, comprehensive programs and courses make us capable of satisfying the demands of a rapidly changing society.
- Our enthusiastic and committed faculty members are encouraged enhance their research ability in order to strengthen and enhance their teaching.
- We emphasize university-industry cooperation to help enterprises solve management problems and promote real world application of faculty.
- Curriculum emphasis on managerial theories and practices combined with enterprise and faculty resources, and the implementation of all-round undergraduate student internships develops the practical ability of our students.
- By using different kinds of group activities and service study courses, we train students to dedicate themselves to their careers and to care for their community.
- We help students to expand their global perspective by encouraging students to study abroad, recruiting international students, and encouraging international academic exchanges between our university and universities overseas.
人文社會學院
College of Humanities and Social Sciences

系所
- 應用英語系（所）
- 應用日語系（所）
- 幼兒保育系
- 高齡服務學士學位學程
- 教育領導與評鑑研究所

Departments
- Department of Applied English (Master's Program)
- Department of Applied Japanese (Master's Program)
- Department of Child Care
- Bachelor Program of Senior Services
- Graduate Institute of Educational Leadership and Evaluation

研究中心
- 語言中心
- 自助學習中心

Teaching and Research Centers
- The Language Center
- The Center for Teacher Education
Prospects

The College of Humanities and Social Sciences was formed in 2001 and is presently comprised of four departments, three graduate institutes and two centers. The college aims to develop greater appreciation of the humanities and social concerns, integrate technology into education, and promote holistic education.

Objectives

- To equip students with outstanding language proficiency and international competitiveness.
- To cultivate early childcare, primary and secondary educators as well as administrators.
- To cultivate cultural and creative professionals.
- To strengthen Linguistics and teaching skills both academically and practically, reinforce academia-industry collaboration and engage social services actively.
- Systematically cultivate senior service professionals in response to population ageing.

Features

- We have an e-learning/e-teaching system to encourage teachers to produce internet-based multimedia materials, implement internet-assisted instruction, and conduct distance learning. Furthermore, we also cooperate with Waseda University for cross-cultural distance learning.
- With a microteaching laboratory and a self-access foreign language learning center, we are well-equipped with hardware and software to assist students in language learning.
- We provide foreign language courses in English, Japanese, French, German, Spanish, and Russian. In addition, we organize and oversee annual student exchange programs, study abroad programs, and study tours.
- Two specialized fields, foreign languages and education (including child care), are subsidiaries under the College of Humanities and Social Sciences, which both feature excellent teaching faculty.
- The course content emphasizes a practice-oriented curriculum, which can help prepare students for certification and licensing examinations.
**Departments**

- Department of Information and Communication (Master’s Program)
- Department of Visual Communication Design
  - Master’s Program in Digital Content and Application Design
- Department of Multimedia and Entertainment Science (Master’s Program)
- Department of Creative Product Design (Master’s Program)
- Department of Popular Music Industry Studies

**Research Centers**

- Center Of Media And Design
設立宗旨

本學院成於2005年，為因應21世紀網路與數位科技所發展的
數位內容、文化創意、娛樂產業、藝術設計、與數位學習等
數位內容產業的發展趨勢需求，以培養全方位、跨領域、
國際觀之未來數位設計技術教育目標。

教學目標

配合國家發展政策與臺灣需求，以建構數位優質化生活的
需求，設立學院未來發展目標如下：

* 因應數位時代，培育整合數學導向人才，藉以培養與設計未來
  數位優質化生活的專業人才。
* 整合學際資源，提供設計整合服務，藉以確保設計學程適用於
  實務設計成效的平台。
* 增強學術建構，奠定學術研究基礎，並將數位設計體驗融入
  數學整合教學的特色。
* 拓展國際合作，促進國際交流平台，並以臺灣數位設計學術
  領域的指標學院。

發展特色

整合各系所的數位資源，建構以「數位化」為主軸的
教學核心。

* 開發本土ACG（動畫、漫畫、遊戲）學術體驗，培育本土
  ACG新創人才，以便產出產學優良的ACG產業鏈，並與競爭
  校產學產學觀形成價值差異化。
* 整合媒體與數位技術，將學生產值可確保快速進入
  發展之電影、電視，數位內容產業與流行音樂產業之
  影音創作與數位需求。
* 打造設計專業與數位技術，教學兼顧設計思考與商學實用，
  並於學生具備設計與實現能力，以因應數位內容產業
  市場應用之需求。
* 提供多元學習管道，設立產創公司培育創意產出之
  「產創坊」，成立創意產創中心並產生經營效益，引發
  與產業界創新的合作pañ合。
**Student Cultivation**

The goal of higher education is to equip students with the essential skills for their future careers and to foster talented students to proceed with further studies and research. Our ultimate goal is to help students develop their independent thinking, expertise, and their ability to integrate or accommodate new ideas. In addition, we hope students can become well-rounded citizens by promoting a democratic spirit combined with diligence and cooperation.

**Social Service**

Each college and department shares the same goal of serving society. For example, the College of Engineering emphasizes projects for work-related education. The College of Business gives emphasis to cooperation with industries and promotes new concepts of business automation and e-commerce. It helps enterprises cultivate manpower, sets up management regulations, and improves business constitution. The College of Digital Design is devoted to the cultivation of integrated labor forces for digital industries, in response to the government's agenda for the prospective digital-content industry. The College of Humanities and Social Sciences fosters language training and seeks to improve teaching quality in junior high schools, elementary schools, and kindergartens, supports arts and cultural activities, and aims to promote the humanities throughout society.

**Academic Research**

A strong motivation to acquiring new knowledge and state of the art techniques has led to a campus of prosperous academic research. Faculty members at STUST not only work hard to keep pace with new industrial trends, but also to transform their experience into material for educating students. STUST's academic research achievements have gradually been recognized, mainly because of the strong driving force of university policy and the desire to become a distinguished university.

Professors who are willing to conduct research projects are rewarded in various ways, especially those who have published papers in SCI and SSCI publications. Recently, we have emphasized inter-department or inter-college co-research, as well as collaborative research with other universities.

**Innovation**

The performance of industry-academia collaboration is one of the crucial indicators and distinctive features of technical and vocational education. By means of improving industrial technology R&D, promoting patent products, inviting experts from industries to co-teach and strengthening students' practical ability in their specialized fields, we will not only increase the quantity but also enhance the quality of collaboration with the real world in order to enable STUST to become a perfect choice for industries to partner with.

**International Communication**

In terms of promoting internationalization, STUST is a leading university of technology and has achieved outstanding performance regarding international student recruitment and study abroad programs. STUST will continue to expand international communication with Asia, North America, Europe, Australia, and Latin America and strengthen real communication by continuing both the mutual-visit program and teacher-student communication; furthermore, we will establish a joint research team to further internationalize our university's endeavors.