【 History 】

1967 Our school was given permission to be established in May of this year.
1968 It officially opened in 1968 and named "China Junior College of Technology".
1994 It was renamed to "China Junior College of Technology and Commerce".
1998 It expanded Continuing Education into a 2-year program.
1999 The school was upgraded to a college and renamed "China Institute of Technology". The Evening School was renamed to "Division of Continuing Education".
2000 The "Affiliated Institute of Continuing Education" was established.
2003 The "Hsin Chu Campus" was established.
2006 The school administration's performance was given the highest rank.
2009 As a result of the inspecton made by the Ministry of Education, the name of the school change to the "China University of Science and Technology ".

【 Educational Aims 】

- Cultivate students well-trained in technology & management fields.
- Implement a well-rounded education for both moral and intellectual development.
- Foster「Honesty, Justice, Lawfulness and Innovation」and promote Chinese culture.

【 Introduction 】

At CUST we have a numbers of divisions："Day Division", "Division of Continuing Education", "Affiliated Institute of Continuing Education" and "Aviation Maintenance Education Center". We also now have 18 departments and 8 graduate schools. Our school is organized of four colleges（College of Engineering, College of Commerce and Management, College of Health Science and Technology, and College of Aviation）.

【 School Features 】

- Strengthening basic courses, with emphasis on professional and fundamental skills development and offering varied learning channels.
- Developing an E-learning mechanism and offering various types of teaching assistance on-line.
- Promoting an international vision and offering scholarships for students to participate in the dual diploma, student exchange and tour study programs.
- Inviting the related industries to participate in the planning of the standard courses to develop practical and applications oriented programs.
- Offering training courses for obtaining certificates, establishing certification examination and learning centers, and offering rewards and subsidies for obtaining certificates.
- Being the first Asian institute that has passed the European Union's certification in aircraft maintenance and the only school that has obtained authorization from the Civil Aeronautics Administration to conduct examinations of certification.
- Having obtained significant achievement in industrial academic cooperation and being recognized as a school of excellent performance by Chinese Institute of Engineers.

【 Information 】

Cost of study

Currently undergraduate students pay approximately NT$45.000 to NT$52.000 per semester for tuition fees. For graduate students, tuition fees are about NT$46.000 to NT$52.000 per semester. And tuition is NT$1.300 per credit unit. Books and supplies cost are about NT$5.000 to NT$10.000 per semester.

Housing and Living Costs

All international students will be provided with on-campus dormitory-style housing. For graduate students, each room accommodates two students, which costs approximately NT$12.000 per semester per student ; while for undergraduate students, each room accommodates four, which costs about NT$10.000 to NT$11.000 per semester per student. Living expenses range from NT$6.000 to NT$8.000 per month.

Financial Aid

Scholarships and teaching assistantships are available. International students can also apply for the Taiwan Scholarship offered by the government. Please refer to http://www.cust.edu.tw/studaffirs/ for scholarships information.

Taipei Campus：5.4 hectare
【 College of Engineering 】
- Graduate School of Electronic Engineering
- Graduate School of Opto-mechatronics
- Graduate School of Civil and Disaster Prevention Engineering
- Graduate School of Architecture
- Department of Mechanical Engineering
- Department of Electrical Engineering
- Department of Electronic Engineering
- Department of Computer Science and Information Engineering
- Department of Civil Engineering
- Department of Architecture

【 College of Commerce and Management 】
- Graduate School of Business Management
- Department of Industrial Engineering and Management
- Department of Business Administration
- Department of International Business
- Department of Finance
- Department of Information Management

【 College of Health Science and Technology 】
- Graduate School of Health Science and Technology
- Department of Biological Science and Technology
- Department of Food Science
- Department of Food and Beverage Management

Hsin Chu Campus：8.7 hectare
【 College of Aviation 】
- Graduate School of Aircraft System Engineering
- Graduate School of Aviation Transportation
- Department of Aviation Mechanical Engineering
- Department of Avionics
- Department of Aviation Services and Management
- Department of Tourism and Hospitality

Yun Lin Campus：30.5 hectare
- Industrial-academic Cooperation Park

Graduate Schools

Graduate School of Electronic Engineering
電子工程研究所
The core objective of the institute is to cultivate advanced professionals with expertise in communication and signal processing, chip application and systems, and microcircuit manufacture and design to be able to work in the communication, information, consumption electron, semiconductor and other related industries.

Graduate School of Optomechatronics
機電光工程研究所
The major focus of the teaching and research of the institute are in the system conformity technology, the nanometer and compound materials, the signal processing, micro mechanical and electrical, and the Optoelectronic Engineering and related disciplines.

Graduate School of Civil and Disaster Prevention Engineering
土木防災工程研究所
This institute will continue to develop its specialty in earthquake disaster prevention, microseism control, safety monitor, slope disaster prevention and river and brook improvement. The three major domains of research and development are earthquake disaster prevention, structure security and geotechnical and environmental disaster prevention.

Graduate School of Architecture
建築研究所
Based on the ideal of green construction and the creation of a healthy environment, the institute sets as its core objective the enhancement of the students' expertise in architecture and construction technology and their ability in the integration of laboratories and in the construction of collaboration centers.

Graduate School of Business Management
經營管理研究所
The primary objective of The Institute of Business and Management is to develop the capacity of its students to make sound judgments in their eventual roles as managers. Based on the notions of integrating economic theories and management practices, the Institute stresses the combination of theories and practice and cultivates professional personnel for domestic and international corporations. For our graduates to be capable of solving real-world management problems, our programs emphasize the combining of management theory with practical application. In addition, both general education and professional knowledge are also emphasized in the program. The Institute emphasizes interdisciplinary research and provides multi-dimensional training in strategy management, organization management, operation management, financial management, marketing management, human resource management, information management, decision-making science, and technology management. They will be capable to handle with dramatic changes of business environments and be decision-makers for corporate strategic planning. Upon completing the program, you'll enter the job market with a significant competitive advantage.

Graduate School of Health Science and Technology
健康科技研究所
Research interests of the institute are focused on health foods biotechnology, Chinese medicine biotechnology and microorganism biotechnology. The core objectives of the institute are to integrate the school laboratories and the nearby biological technology industries and to strengthen its research, instruction and marketing management.

Graduate School of Aircraft System Engineering
飛機系統工程研究所
The institute is engaged in the cultivation of professionals and in the research and development in aircraft design, aircraft maintenance, manufacture of spare parts, compound materials, aviation safety technology, aviation communication technology, aircraft navigation, and simulation. It provides a channel for advanced training in domestic aviation science and maintenance technology.

Graduate School of Air Transportation
航空運輸研究所
The objective of the institute is to provide training for employment in the airline industry with regard to ground duty service, the spatial kitchen, freight transportation, aviation warehousing, the airport transport business, the travel industry, logistics, the transportation related businesses and the general service enterprises. The institute arranges the graduate students to receive internships in the businesses and to write their theses on problems related to the businesses.

Department of Mechanical Engineering
http://mech.cust.edu.tw
機械工程系

Objectives

The Department aims to prepare mechanical engineers in the fields of precision machinery and mechatronics. Students are trained to obtain the abilities of conducting mechanical design, manufacturing, control, inspection, and maintenance. They will be able to develop new products and new technologies.

Characteristics

We are dedicated to developing the students' ability in the integration of the precision machinery manufacture and design, the heat flow technology, the material science and technology and the mechanical and electrical conformity. Upon graduation, the students not only have obtained the basic abilities of the general mechanical engineers, but also are able to meet the requirements from the material science and technology, the green energy technology, the electro-optic and the semiconductor industry, the mechanical and electrical production equipment and the system regulation related industry.

Curriculum

The curriculum places emphases on the fundamental skills and professional knowledge in mechanical engineering. Hands-on practical assignments and theoretical knowledge are important components of the training. Students are encouraged to discover, analyze, and solve engineering problems. Courses in three categories are offered: design, manufacturing, and automation, which cover both theory and their applications.

Facilities

The Department has several laboratories, a crystal growing center and a precision instrument center which are equipped with teaching aids and research facilities. They are Materials Testing Laboratory, Personal Computer Clustering Laboratory, Computer Numerical Controlled Machining Tools Laboratory, Plastics Welding Laboratory, Composites Laboratory, Nanomaterials Laboratory, Non-destructive Testing Laboratory, Mechanical Manufacturing Center, Precision Measurement Laboratory, Thermal-Fluids Laboratory, Mechatronics Laboratory, Green Energy Laboratory, Functional Material Laboratory, Computer-aided Drafting Laboratory, Computer-aided Engineering Laboratory, and Machine Vision Laboratory.

Department of Electrical Engineering
http://me.cust.edu.tw/eee
電機工程系

Objectives

Our teaching aim is to train students with professional knowledge and technology, a right attitude towards life and the concept of discipline. High quality electrical engineering staff will be produced here with the aid of excellent teaching. To supply students with both theoretical and practical knowledge, electric power system management, electric motor control, programming, digital signal processing, power electronics design, communication system and optoelectronic application related courses are provided.

Characteristics

Our training focuses mainly on control and signal processing, communication and optoelectronic application, power and power electronics related technologies. In addition to attending basic professional courses and doing research projects, students especially learn how to apply theory and principle into practice.

Curriculum

With regard to the curriculum, students in their first and second year take mostly general courses in order to help them find their field of interest. Professional level courses are provided for students in their third and four year of school in order to help them become specialists in their interest area.

Facilities

The department now has two buildings with a variety of laboratories which are designed for embedded system design, computer network, optoelectronic, advanced automatic measurement, electronics, power electronics, automatic control, and DSP servo motor driver design.

Department of Electronic Engineering
http://ee.cust.edu.tw/v2
電子工程系

Objectives

The primary mission of civil engineering education is to train students to become professional engineers to conduct the constructions, digital multimedia design and investments of real estate. The responsibility of teaching target is constituted of the leadership position or project coordinate personnel in the consulting or real estate firms, who can be responsible for disaster prevention, construction management, construction supervision, quality control, engineering and structural design, digital multimedia design of civil engineering, urban planning, real estate valuation, real estate financial management and trust, and more specific task required more in-depth theoretical backgrounds.

Characteristics

The Department of Civil Engineering through the long term effort established the center of construction technology, digital multimedia technology, and investments of real estate, which appropriately incorporated a group of expertise to conduct the research in the multi-field corporation. The main feature of undergraduate programs is addressing to the leadership position or project coordinate personnel in the consulting or real estate firms, who can be responsible for construction design, analysis, multimedia simulation, management and real estate financial management.

Curriculum

The curriculum places emphases on fundamental skill and professional knowledge in civil engineering. It emphasizes hands-on practical training assignment as well as theoretical knowledge. Students are encouraged to discover, analyze, and solve engineering problems. To cultivate professional civil engineers and meet the skill requirements of modern construction engineering, the courses are organized in three groups as follows:

· Disaster Prevention and Structure Safety
· Geotechnical and Environmental Disaster prevention
· Real Estate Development and Management
· Digital Multimedia Simulation and Design

Facilities

The laboratories and related equipment for teaching and practicing requirements have been set up as follows: materials testing laboratory, soil mechanics laboratory, tri-axial testing laboratory, surveying instruments room, GIS practicing room, nondestructive testing room, multimedia producing room, computer network classroom, structure laboratory, geo-engineering laboratory, computer aided engineering and project management laboratory, department library, and case study room. The versatile facilities include supersonic detectors, structure vibration detectors, and micro-vibration sensors and transducers.

Department of Computer Science and Information Engineering
http://csiecc.cust.edu.tw
資訊工程系

Objectives

Taiwan's industry is famous for being either OEM/ODM or brand-name suppliers of 3C products. The government focuses on information systems and their practical applications in particular. The major goal of our department is to provide our students with the necessary technical skills and train them to be able to easily adapt to the business environment when they graduate from school.

Characteristics

1. We adapt ourselves to the changing world with regard to industry requirements and government policies to ensure our students will be in strong demand when they graduate.
2. We put as our first concern the development, career planning and certificate acquisition of our students.
3. Our students build up their basic theory and technical skills by taking part in the projects conducted by our faculty members.
4. We work with the private sector to provide an internship program for our students to help them gain on-the-job training before their graduation.
5. We emphasize learning foreign languages as a key skill to ensure our students can acquire the most recent technology information by themselves.

Curriculum

The courses provide the training needed for the information industry, including system software, computer network and multimedia system, computer architecture, software engineering and image/speech/video processing. Particular efforts have been placed on the integration of interdisciplinary features.

Facilities

We have set up laboratory and classroom facilities to be able to conduct the necessary experiments in our related courses. The computer software and hardware within these facilities are also utilized by the faculty members to develop the capacity for designing and managing large research projects, especially those in cooperation with public and private business and organizations.

Department of Civil Engineering
http://ce.cust.edu.tw
土木工程系

Objectives

The primary mission of civil engineering education is to train students to become professional engineers who can conduct real estate construction and investments. The core objective of the department is to cultivate management level personnel who possess professional expertise in real estate development, investment and management, innovation ability in academic research and development and a vision for real estate development trend and international investment. By performing research and interacting with businesses, the students are provided with opportunities to understand the techniques of real estate development and the practical operations of investment and management.

Characteristics

The department offers students training in current construction technology and management techniques employed by large-sized construction and real estate investment corporations. This training enhances our graduates' theoretical foundations and their ability in the development and investment of real estate and in the application of the management of construction technology, in order to develop fully qualified professionals in construction technology and real estate development and management.

Curriculum

The curriculum places emphases on fundamental skills and professional knowledge in civil engineering. It integrates hands-on practical training assignments and theoretical knowledge. Students are encouraged to discover, analyze, and solve engineering problems. Courses offered are organized in the following three groups:
1.earthquake and structure safety design,
2.geotechnical and environmental disaster prevention, and
3.real estate development and management

Facilities

To meet the needs of classroom instruction and practical training the following laboratories and related equipment are provided: a material testing laboratory, a soil mechanics laboratory, a tri-axial testing laboratory, a surveying instruments room, a GIS practice room, a nondestructive testing room, a multimedia production room, a computer networked classroom, a structures laboratory, a geo-engineering laboratory, a computer aided engineering and project management laboratory, a department library, and a case study room. The versatile facilities contain supersonic detectors, structure vibration detectors, and micro-vibration sensors and transducers.

Department of Architecture
http://arc.cust.edu.tw
建築系

Objectives

Our goals are to educated people who interested in studying of professional techniques as well as academic researching about "Green building and Health environment". Students who graduated from our school shall employ abilities included investigation, planning, design, constructing, examination, and construction management related to architectural, interior and environmental facilities.

Characteristics

A main aim：Creation of the green building and health environment.
Two characteristics：The green building and digital multimedia.
Four studied areas：Energy-conservation and the health environment,
　　　　　　　　　Green community and city planning,
　　　　　　　　　Digital-media information system,
　　　　　　　　　Architectural technology and management.

Curriculum

Basic courses：Computer algorithm, Computer-aided design, Construction drawings, Physics environment, Environmental control, etc.
Key courses：Architectural and Interior design, Planning and design of the green building, Planning and design of the green community, 3-D computer simulation, etc.
Elective courses：
(1) Architectural technology—Construction methods, Building law, Real estate, Earthquakes-resisted building structure, Professional management.
(2) Interior design—Interior space programming, Furniture design, Space programming for aging, Illumination design, Environmental planning for future , Indoor sound environment.
(3) The classes for perusing of the certification of Interior design, etc. are also set in order to help students to acquire relevant certificates.

Facilities

The digital intensity of illumination counter , brightness counter , hot radiometer, the carbon dioxide examiner, the dust counter , warm hygrometer of wind, low intensity radiometer, Arch CAD, systematic group of film editing of the photography, satellite location appearance, GPS's positioning counter, ball thermometer , model probe equipment of intensity of illumination (Include lens and strut), high-frequency electric magnetic field intensity counter, the radiation reinforcing bar detects and examines the appearance ,etc..

Department of Industrial Engineering and Management
http://ie.cust.edu.tw
工業工程與管理系

Objectives

The IEM department focuses on fostering specialists in industrial engineering and management for hi-tech industry needs. The curriculum emphasizes the skill training and theory development to equip students with a comprehensive knowledge in production management, quality management, logistics management, industrial electrification, installation planning, and facility design.

Characteristics

Students are trained by classroom instruction, lab work, and case studies. IEM focuses on cultivating student's capability in basic statistical analysis, relevant specialized knowledge, and application of information technology. By doing so, students are well-equipped with all the necessary skills for enterprise logistics, operations and service management.

Curriculum

The courses focus on mastering the principle theory of industrial engineering and management, including production, quality, and material management, work study, installation planning, engineering cartography, manufacturing processes, internet practice, database management, system analysis and design, manufacturing business information system, and enterprise resource planning.

Facilities

IEM provides various laboratories and facilities to achieve the perfect educational environment. There are currently eight laboratories: Computer Aided Engineering Lab, Internet Lab, Manufacturing System Lab, Logistical Simulation Lab, Production System Lab, Industrial Electrification Lab, Industrial Safety and Hygiene Lab, and Human Factors Engineering and Work Study Lab

Department of Business Administration
http://ba.cust.edu.tw
企業管理系

Objectives

Considering the national economic environment and the needs of the businesses in the surrounding technology parks, the department follows the ideal of higher vocational education. It makes as its core objective to cultivate advanced management personnel who are specialized in both theory and practice in order to provide manpower to meet the demand from the industrial transformation and the various social services in the age of the knowledge economy.

Characteristics

1. Cultivating business management professionals by offering general education and formal and informal curricula for continuing growth and development.
2. Cultivating students with business management professional knowledge and innovation ability.
3. Developing students' ability to integrate theory and practical skills by providing them opportunities to participate in projects to enhance their competence in critical thinking and problem solving, report writing and public presentation.
4. Developing students' ability in commercial information system management and analysis.
5. Fulfilling the ideal of vocational education by engaging in industrial academic cooperation.
6. Providing students with guidance to help them obtain professional certificates as an advantage when applying for a job.
7. Enhancing students' foreign language ability to meet the needs of the internationalization of enterprises.
8. Providing students with an integrated program to expand their professional expertise.

Curriculum

The curriculum consists of three parts: the core courses, professional required courses and selective courses. Basic core courses include management, economics, statistics, accounting and language courses. Professional courses include industrial management, marketing management, human resources management, financial management and information management.

Facilities

The main facilities the department owns include a computer lab, an independent study room, an audio-visual room and management related instructional software and CDs.

Department of International Business
國際企業系

Objectives

Facing a more global competitive environment, corporations must be innovative in developing strategies to maintain its competitiveness. The Department of International Business, China Institute of Technology, was established in 1994, to meet the needs of the business world with the aim of training managers with a global vision and conception. The curriculum of the IB Department is designed to combine international business administration and various functional professions relating to the business fields. Moreover, foreign language training is an important focus in the IB curriculum.

Characteristics

The purposes of the IB Department are, firstly, to have students gain in-depth knowledge of International Trading, International Marketing Management, International Financial Management, and International Business Management. Second, we expect students to improve their English communication ability and have an integrated concept of the global economic trend, thus to develop the capabilities and skills that an international business manager should attain.

Curriculum

To train students to be skilled in international management, the curriculum provides the following professional core courses: international marketing and strategy, international finance, international business and trade, and information management. Special related courses are provided such as cross-strait business and trade practices, finance, management using technology, industrial analysis, and innovation, research and development management. The curriculum enables student to have a broad, futuristic vision with specialized knowledge in international business.

Facilities

Global Logistics Education Center, Computer Laboratory, Audio Language Laboratory, International Marketing Laboratory, International Trade Practice Laboratory.

Department of Finance
財務金融系

Objectives

· To educate our students to be professionals who are skillful in finance and who have global views on finance.
· To train our students to meet job requirements by emphasizing both theory and practice in our modern computer era.
· To enhance the students' abilities in financial markets with the understanding of related laws and ordinances.

Characteristics

· Theory Based: We provide courses to educate students with the fundamental theories of finance.
· License Program: We provide courses to enable students to obtain their financial license successfully.
· Finance Practice: We provide courses to train students to have practical finance skills.
· International View: We provide courses to give students an international view of finance.

Curriculum

The curriculum is divided into three professional and applied programs: Monetary Management, Financial Management, and Risk Management.

Facilities

Multimedia Conference Room, Financial Simulated Operations Room, Certificate Programs and E-learning Center, Insurance Simulated Planning and Marketing Room.

China University of Science and Technology

Department of Information Management
http://im.cust.edu.tw
資訊管理系

Objectives

In this new and dynamic information age, electronic commerce has become the emphasis in the teaching of the Department of Information Management. The Department provides the "E generation" with complete educational programs in MIS to develop professional competence. The department is also engaged in assisting the students to participate in various competitions within or outside the school and to obtain various professional certificates. These efforts are made to train the students to become professionals in the "E generation" who have expertise in information management and high proficiency in foreign languages.

Characteristics

The goal of the department is to foster top MIS manpower for the country and society. It provides wonderful practical training to students both within and outside the classroom. It uses the power of information technology to offer broad opportunities to students and to enable them to become valuable to society. Throughout its programs and practical training, the Department of MIS consistently recognizes that information technologies are tools for the empowerment of people.

Curriculum

In order to reach the goal of the department and to meet the needs of the industry, the curriculum of the department is focused on training the students to become specialist in the computerization of enterprises. We require all students to study three core courses: measurement, management theory and enterprise computerization. Afterwards, students may take specialized elective courses such as Digital Content and Software Engineering. The students are also prepared for certification in a specific field and given vocational guidance.

Facilities

Computer Classroom, Project Discussion Room, Information & Communication Logistics Lab , Server and several kinds of wireless communication software, Multimedia Audio-Visual Classroom.

Department of Biological Science and Technology
http://dbt.cust.edu.tw
生物科技系

Objectives

Biological technicians learn a variety of skills applicable in biological science, including biotechnology, one of the largest growing industries in the world today. Accordingly, the department's research interests and educational programs are broad enough not only to give a new insight into biotechnology related to gene engineering and cell engineering, but also to render originality that is closely related to the solution of the problems bearing on the biotechnology industry.

Characteristics

The Department of Biological Science and Technology is a dynamic academic community focused on learning and discovery. All of our faculty teach and perform excellent on their research and most of our students demonstrate the ability doing independently original studies. Students in the department have chance to be involved in research projects offered by several centers, including the Academia Sinica, the Development Center for Biotechnology, and the enterprises in the Biotech Incubation Center in Nangang Software Park, Taipei. The Department aims to assist society in the development of biotechnology applications useful for the general public.

Curriculum

Our program is designed to integrate engineering and biology. In brief, the program instructs students how to use engineering principles in the analysis and manipulation of biological systems to solve a broad variety of problems. The curriculum emphasizes basic concepts more than particular applications. With the advance progress in both engineering and biological knowledge, it is anticipated that the students graduated will be well prepared on their leadership careers either in academia or bio-tech related industry. The department students in their Junior/Senior year for meetings with faculty members in their area of interest.

Facilities

DNA electrophoresis chamber, Polymerase Chain Reaction (PCR) Machine, Refrigerator(-20□), Luminometer, High Speed Refrigerated Centrifuge, Plant Growth Chamber, Laminar flow, Ultra-Low Temperature Freezer(-80□), Micro-computer Spectrophotometer, Denaturing Gradient Gel Electrophoresis (DGGE) chamber, DNA Image System, Fluorescence Microscope, Thin Layer Chromatography (TLC), DNA Hybridization Oven, Fermentor.

Department of Food Science
http://dfs.cust.edu.tw
食品科學系

Objectives

The core objective of the department is to cultivate advanced personnel in food science and technology who are acknowledged for their expertise in the development and manufacture of health food supplements and Chinese medicine, in health care and nutrition, in analytical inspection and in food marketing practice. In addition, the department emphasizes the importance of "learning by doing and doing by learning", the ideal of vocational education, which leads to an integration of practical experience into the curriculum by offering courses include practicum, lab work, projects, and off-campus practical training in the related industries.

Characteristics

The department pursues a reputation in the development and manufacture of the highly demanded and high value added health food supplements and Chinese medicine, in health care nutrition, in analytical control and in marketing as its core specialties.

Curriculum

In addition to the required general education courses suggested by the Ministry of Education, courses to develop professional knowledge and skill such as Food Nutrition, Food Microbiology, Food Chemistry, Food Sanitation and Inspection, Food Biotechnology, and Functional Health Foods are also available for the students.

Facilities

Currently there are four laboratories in the department: a chemistry lab, a food analysis lab, a food processing lab and a microbiology lab, which were established for students' practicum courses. The department also has contracts with medical institutes, food processing factories, food research institutes and government organizations where internship opportunities for students are provided.

Department of Food and Beverage Management
http://dfbm.cust.edu.tw
餐飲管理系

Objectives

Our tuition and training have to poise theory and Practice, make students own full abilities of food and beverage research, culinary art development and hospitality management

Characteristics

Our department tries to use the vantage of group to combine the resources of Department of Flight Service Management (DFSM) and Department of Tourism and Hospitality Management (DTHM), to link up whole education resource. Create student abilities of hospitality management, western-style and Chinese-style food cooking skills.
Guidance new concepts about food quality safe, nutrition, and use computer skill to design menu, manage kitchen and cost control. Combined activities of training system and subject research to help student became multiple of professional management people.

Curriculum

Our basic courses include culinary art professional training, information management and food science. Otherwise we combine course and business to help student learn experience from work.

Facilities

Our department offers computer lab, culinary art room, multiple training kitchen, training restaurant, Wine-tasting Room and food lab. All classrooms except setup table and chairs, especially offer projector to carry out teaching.

Department of Aviation Mechanical Engineering
http://am.hc.cust.edu.tw
航空機械系

Objectives

The objectives of the department are to train professionals in aviation aircraft maintenance, aviation parts and assembly fabrication, and aviation flight safety techniques and to foster research and development in aircraft technology in order to be a qualified institution for domestic aviation advanced professional training.

Characteristics

China Institute of Technology is the only school in Taiwan to obtain both National Civil Aviation Authority CAA-147 and European Union JAA-147 aviation aircraft maintenance certificate. We are devoted to training professionals in aviation aircraft maintenance for major domestic and foreign airlines.

Curriculum

Courses offered include Aircraft Maintenance Engineering, Engine Maintenance Engineering, Aviation Parts and Assembly Fabrication Engineering, and Aviation Maintenance Management Engineering.
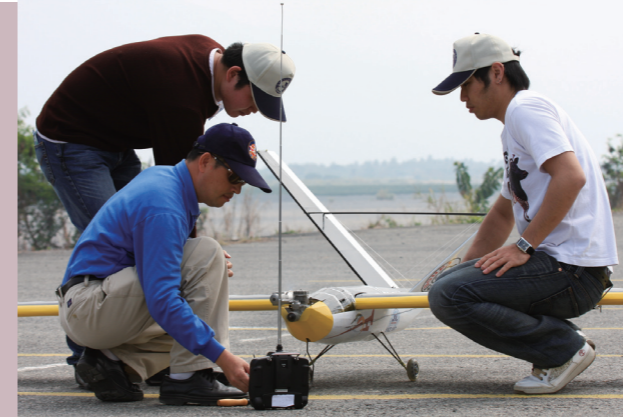
Facilities

We own the largest and best-equipped aviation practice field in the nation which holds 11 different types of aircrafts for on-board maintenance training including a Boeing 727, 42 airborne engines, 35 aircraft subsystem practice modules and other related inspection, testing, design, fabrication and assembly laboratories.

Department of Avionics
http://ae.hc.cust.edu.tw
航空電子系

Curriculum

Three groups of courses are offered: airplane simulation and computer applications, communication guidance and optical fiber applications, and avionics systems.

Facilities

Laboratories include the Avionics System Lab, Digital System Lab, Fiber-Optic Applications Research Lab, Electronics Lab, EMC & Antenna Research Lab, Flight Simulation & Control Research Lab.

Objectives

The core objective of the department is to train and cultivate advanced personnel who are capable of integrating avionics engineering and systems and who have a profound understanding of the functions and principles in designing, manufacturing, repairing, inspecting, and troubleshooting avionics systems.

Characteristics

To meet the needs of the avionics industry and the nation's economic development, the avionics program focuses on teaching and research and development in avionics systems, communication and navigation, optic-electronic, and aircraft simulation. Combining theory and practice, the courses are designed to foster personal interests and future development, paving the best path of learning for the students.

Students are required to participate in certain projects to demonstrate their capability to apply what they have learned to designing and to solving engineering problems. The program enables students to develop themselves, to work in teams and to gain recognition and respect in interscholastic competitions.

Department of Aviation Services and Management
http://ab.hc.cust.edu.tw
航空服務管理系

Objectives
· In accordance with the development of the aviation industry, the Department of Aviation Services and Management is to train low-level and middle-level personnel for both passenger and cargo business of aviation to meet the industry's needs.
· With its job-oriented program, the goal of this department is to educate students the aviation technical skills to make them get employed immediately after graduation.

Characteristics
· The materials of the curriculum meet the international standards of the aviation industry.
· The training facilities for both passenger and cargo business of aviation are well established.
· The faculty is with very good working experiences in the aviation field.
· The activities of on-site visit to aviation-related companies and speeches in special topics by aviation experts are held regularly.
· The one-year internship program for senior students will help them to get the practical experience and employed after graduation.

Curriculum
The curriculum is composed of general, profession required, and elective courses. The fundamental courses of this program include Language, Economics, Statistics, Business Administration, and Law.
The main courses for air passenger services include Airline Operations and Management, Airport Operations and Management, Aviation Policy and Law, Airline Booking Management, Passenger Transport and Ticketing, Pose and Etiquette Studies, In-Flight Service Management, and Ground Handling Service Management. For air cargo services, the main courses include Air Cargo Operations and Management, Logistics Management, Customs and Trade Practice, Warehouse Management Practice, Air Cargo Forwarding Practice, and Transport of Dangerous Goods.
The courses of this program combine theories and practices in order to meet practical needs. Students are also allowed to focus their studies

on the areas of in-flight services, ground handling services, air passenger services or air cargo services based on their interests.

Facilities
To strengthen students' professional competence, six labs are established according to the operation process and standards of airlines:
(1) Airline Reservation Services Lab
(2) Airline Ticketing Services Lab
(3) Airport Check-in Services Lab
(4) Cabin Simulation Lab
(5) Pose and Etiquette Training Lab
(6) Aviation Regulations Research Lab
This endows students with the requisite knowledge and skills necessary to advance in the aviation industry. Electronic Data Interchange (EDI) and Global Cargo Tracking System are, on the other hand, the examples of the computer software used to train students the knowledge of business transactions of air cargo.

Department of Tourism and Hospitality
http://dthm.hc.cust.edu.tw
觀光餐旅系

Objectives
In general, the intelligent technical industry and tourism industry will become the new star enterprise for the 21st century. It will creative more opportunity for job and earns the foreign exchange.
The Department of Tourism and Hospitality Management focuses on three subjective in tourism field including Leisure and Recreation management, the Travel agency and hotel Industry and the Food and Beverage enterprise. Our goal is help our students have professional skills, academic theory and some experience in the tourism industry.

Characteristics
In order to develop the service industry elites, our department tries to design three parts for students, such as Leisure and Recreation, Travel Industry and Beverage & food Industry.
The Department aims is development students to become professional employees and managers in tourism and hospitality area. Students are trained by different subjects such as：hotel services, tour guide, restaurant service, business administration and so on. They will be able to creative new ideas and great service attitude. Besides, we will emphasize on professional knowledge and abilities, skills and concepts of service industry as well.
According to the Curriculum plan, and follow the need from industry. Our department designs the practical program and material, therefore, after students graduated that they can have capability to use in the tourism industry as soon as possible and display education resources efficiency. This is school social responsibility.

Curriculum
The curriculum is concentration on fundamental skills and professional knowledge in tourism and hospitality management. It emphasizes hands-on practical training as well as theoretical knowledge. Students are encouraged to discover, analyze, and solve customers' problems.
The Department has three curricula: travel, hotel, and food and beverage. Courses offered professional theory and its applications. The cores courses include service processes, applied computer in hotel, information center practice, hotel internship, and travel agency practice. There are many optional high-level courses offer students choose.

Facilities
There are some facilities for students training such as: coffee shop, hotel rooms and travel agency center. Students can understand how to service the customers and manage the whole business department. The department also has a computer system for hotel management and travel agency reservation. These all help students have many experience and make them to achieve their goals.

Aviation Maintenance Education Center

航空維修教育中心

The China Aviation School (CAS) was founded in 1997 to establish a professional and approved Aviation Maintenance Training facility in Taiwan. Two experienced partners have dedicated their know-how and experiences in aviation training to establish the CAS in Taiwan.

Curriculum

- Fulfill European aviation standard.
- Provide EASA part 66 CAT-A + CAT-B1 2400-hour training.
- Include EASA license examination.
- Instruct by aviation-experience instructors with valid license.
- Integrate EASA CAT A + B1 2400-hour training into 4-year bachelor degree.

Facilities

- **Training Aircraft**
  One B727,One C119,Three British Norman Pilatus(BN2),One Piper and one Cessna,One Ultra Light Aircraft,One F104,One F5-E fighter aircraft

- **Turbine Engine Training**
  Cut-away models,17 Turbine engines,(JT-8D,JT-9D,J-79,J-85),1APU,2 Vertical overhaul stands

- **Piston Engine and Propeller Training**
  16 Piston engines,6 Propeller assemblies.

- **Aircraft System Training**
  is carried out on system mock-ups, which are available for every aircraft system.

- **Avionics System Training**
  is done on avionics mock-ups and modern avionics test equipment. This is state-of-the-art training and can be provided only by a few schools in the world.