

Welcome to



KOBE CITY COLLEGE OF TECHNOLOGY

For Next Generation Global Engineers



KCCT

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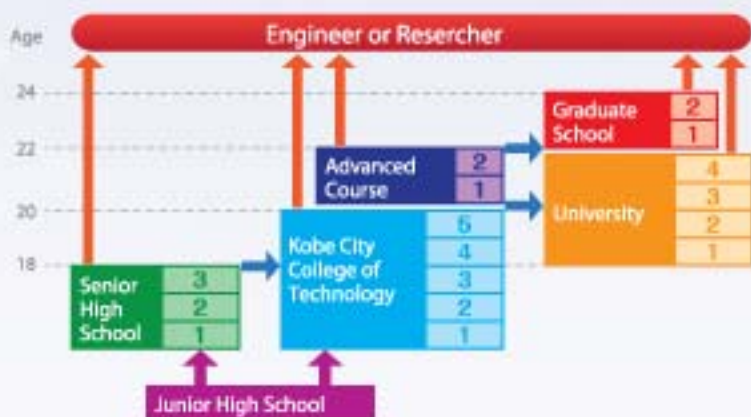
▶ MISSION

- KCCT highly values human relationships and through a well rounded campus life, the students acquire creativity, deepen their knowledge, and develop their personalities.
- KCCT endeavors to supply the students with substantial general education courses and promote sports and cultural club activities, so as to help the students form sound character.
- KCCT is located in the cosmopolitan and well-informed city of Kobe, which gives great opportunities to the students and challenges them to become technological experts who can live active lives with broad vision in an international society.

▶ ABOUT KCCT

The Kobe City College of Technology was founded as a unique type of higher level education institution in 1962. The College of Technology is called “KOSEN” in Japanese. “KOSEN” provides junior high school graduates with a 5-year program of study (fundamental course), by which they can attain the same educational level as engineering college students.

In 1998, advanced courses, which provide an additional 2-year program for graduates of the fundamental course, were established allowing students to earn a bachelor's degree in engineering. The school campus has a bright and open atmosphere, with a square, a courtyard, modern school buildings and other facilities with a beautiful view of the surrounding area.



It has state-of-the-art equipment and facilities, including an IT Center, high tech electronic microscopes and language laboratory, a “Clean Room” and various renovated experiment and practical training rooms, which are used for education and research.



祝 神戸高专創立50周年

▶ Department of General Studies



First, second and third year students will take general courses like any normal Japanese high school students. These required classes include math, chemistry, physics, history, Japanese, English, information technology art, music, health and fitness. At first general studies dominate their schedules with only a few specialized classes for their major. Gradually, the number of specialized classes take over, giving students more and more hands on experience in their fields. Experiments and laboratory work will eventually fill their schedules in their fourth and fifth years while only a few general science electives and required classes remain available to them. Besides English communication classes which are required throughout their time at Kosen, they can choose between other electives such as humanities, philosophy, environmental awareness, geology, Chinese, Korean, German to name a few.

▶ Department of Mechanical Engineering



▶ Design System Course

The aim of the Design System course is to educate students to be mechanical engineers who have creative power. They will have the ability to develop and design highly efficient, up-to-date machines and apparatus. The students will also be trained to draw by making use of computer systems.

▶ System and Control Course

The aim of the System and Control course is to prepare students to be mechanical engineers that can solve various engineering problems with cutting-edge technology and knowledge of electrical and control engineering systems.



▶ Department of Electrical Engineering

The Department of Electrical Engineering includes many fields from energy to information /communication. Fundamental subjects, including electrical and electronic circuit design, along with computer simulation technology are useful in contributing to an ecologically sustainable society as well as developing state-of-the-art electronic products. Some subjects use English textbooks based on "learning technology in English" and "learning English in technology study" simultaneously.

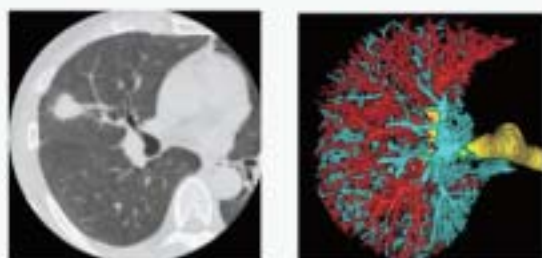


▶ Department of Electronic Engineering

The Department of Electronic Engineering provides a curriculum featuring Telecommunication, Information Processing, Electronic Measurements and Control, and Electronic Material. Specifically, for the study of Integrated Circuit (I.C.), the Device Engineering Laboratory has been established. Software Technology, Information Technology and Computer Technology Laboratories are also provided for the studies of computers.



3D Visualization from actual human body images



3D Visualization from CT images



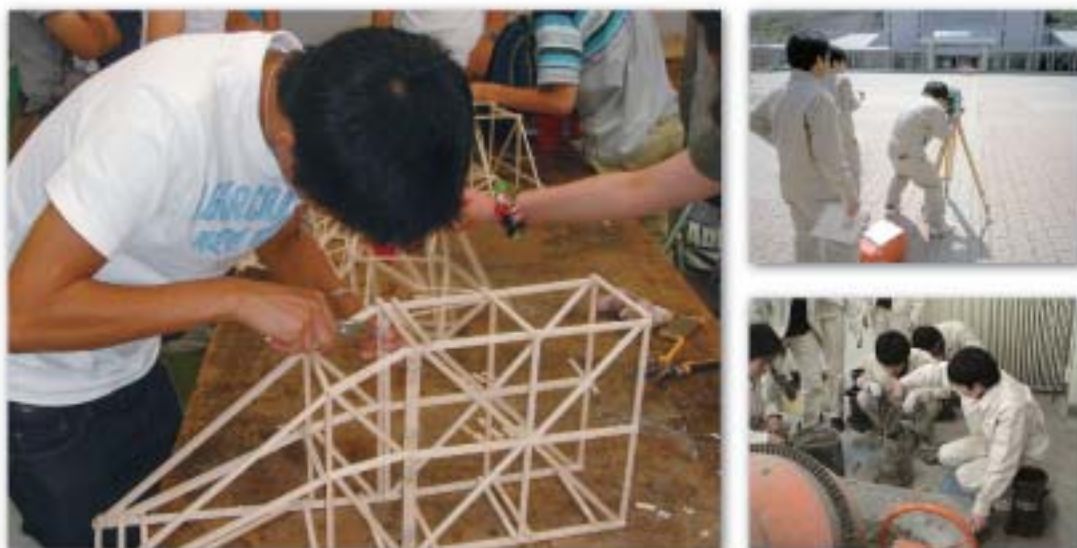
▶ Department of Applied Chemistry

The Department of Applied Chemistry produces chemical engineers for various industrial fields related to organic chemistry, inorganic chemistry, physical chemistry, chemical engineering, and biological engineering. The goal of the department is to have students acquire fundamental knowledge in each field and competence to apply the knowledge for solving real issues with the help of analytical equipment and computation.



▶ Department of Civil Engineering

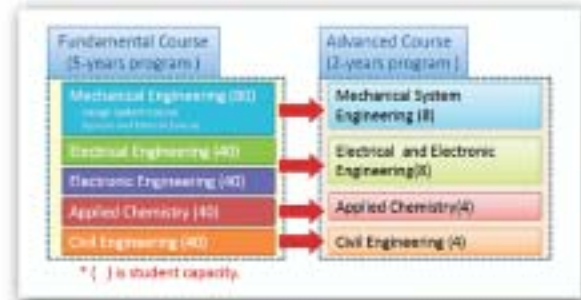
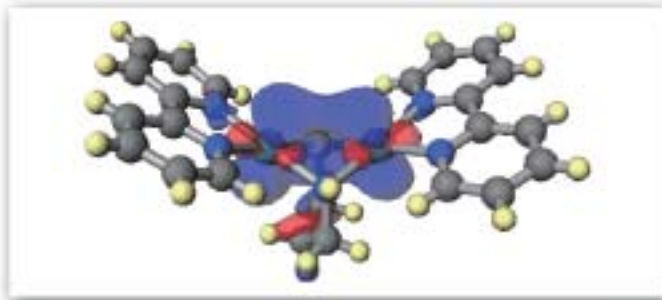
As for the Civil Engineering Department, education and research into five fields are accomplished. The curriculum includes studies in structure, materials, soil mechanics, hydrologic and city design planning. Disaster prevention, and environmental technology such as earthquake, tsunami and geology are also considered. Many public work projects come out of civic necessity and happiness, and city design dreams are realized. Our department's engineers are contributing to society are educated about the lifeline such as traffic networks, airports, harbors, power facilities, water and sewage services.



▶ Advanced Course (2 year program)

AC

Advanced courses, which follow the five-year technical college program in order to provide two more years of technical education were established in 1998. These courses have produced engineers with advanced and extensive knowledge who not only have the ability to develop technology and solve problems but also contribute to the development of the industries themselves.



▶ Community Service

Student government helps to organize the annual events such as the school festival and Sports Days. There are many other chances for students to interact with the surrounding community by having events open to the public for things such as open campus and community outreach programs. Robot building workshops and junior high school visits also offer great opportunities for the community to see the great things being done at Kobe Kosen and inspire the next generation of engineers to apply after they finish junior high school education.

▶ Growth Industries

Specialized engineer education programs for growth industries was started in 2017 by Kobe city planning for the future industries in need of young engineers by the year 2020. Three areas of growth industries were discovered, resulting in a special three year program for third year students to enter from the majors of Mechanical, Electrical and Electronic Engineering fields. The industries foreseen to have the most growth are **Robotics, Medical & Welfare and Aerospace**.

▶ Career Options

After graduating from KCCT students go on to undergraduate studies, graduate school or enter companies such as:





Education & Research And Club Activities

Both national and district intercollegiate sport competitions are held every year just like those for senior high school students and university students. These sport competitions are considered as part of the education at our college.

▶ Athletic Clubs:

basketball, volleyball, rugby football, swimming, tennis, kendo, judo, Japanese archery

▶ Cultural and Tech Clubs

wind-instrument music, photography, art of flower arrangement, solar car, robots, etc.





International exchange



INTERNATIONAL EXCHANGE



- ①gymnasium ②archery range ③swimming-pool
- ④tennis courts ⑤sports ground ⑥student' hall
- ⑦general education building
- ⑧information and technology center
- ⑨college library ⑩center plaza ⑪open-air stage
- ⑫administration building
- ⑬engineering departments' building
- ⑭hydraulics laboratory ⑮cafeteria
- ⑯mechanical engineering laboratories
- ⑰advanced courses' building ⑱main gate
- ⑲northern gate



Guide to Public Transport



KOBE CITY COLLEGE OF TECHNOLOGY
 8-3, GAKUEN-HIGASHIMACHI, NISHI-KU, KOBE, JAPAN
 Phone: +81-78-795-3311
 URL: <http://www.kobe-kosen.ac.jp>

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