



Bachelor of Engineering (Honours) in Civil Engineering 土木工程(榮譽)工學士

YEAR **1** ENTRY

*SSSDP JUPAS
CATALOGUE NO.
JSSV05

YEAR **3** ENTRY

*SSSDP (FULL-TIME)
ST145101

*SELF-FINANCING (PART-TIME)
ST525101

2026-27

PROGRAMME HIGHLIGHTS

- Developed in response to the manpower requirements arising from Major Infrastructure Projects and the aspirations for degree study of secondary school graduates;
- Provides broad-based learning exposure to civil, structural, geotechnical, environmental and hydraulic engineering; transportation and infrastructure development, building information modeling (BIM), latest construction technologies (e.g. MiC, use of AI and robotics) and engineering project management;
- Enriches learning experience through internships; and
- Gains a solid understanding and foundation in the practice and theoretical knowledge of building information modeling through 80 hours of BIM workshops.

*A subsidy of up to HK\$81,450 per academic year will be provided to students admitted to an undergraduate programme under the Study Subsidy Scheme for Designated Professions/Sectors (SSSDP).

+Eligible students can also apply for the On-the-job Training Allowance Pilot Scheme, with a maximum cumulative allowance of HK\$90,000.

Professional Recognition

This programme is accredited by
the Hong Kong Institution of Engineers (HKIE).

WORK READY
貫徹應科



READY

For year-3 online application:
VTC Web-based Admissions System
www.vtc.edu.hk/admission



資歷架構
Qualifications
Framework

This programme is recognised under the QF (Level 5)
QR Registration No. : 12/000571/5
Registration Validity Period: 01/09/2012 to 31/08/2027

Core Courses

- Civil Engineering Technology & Smart Construction
- Engineering Geology & Soil Mechanics
- Contract Administration & Measurement
- Design of Structures 1
- Highway Engineering
- Geotechnical & Foundation Engineering
- Introduction to Computer Programming & Artificial Intelligence
- Project Management
- Earthwork Engineering
- Sustainability & Infrastructure Design

Supporting Industrial Partners (In alphabetical order)

- AECOM Asia Company Limited
- Build King Holdings Limited
- Chun Wo Development Holdings Limited
- David SK Au & Associates Limited
- Hip Hing Construction Co. Limited
- Gammon Construction Limited
- Meinhardt Consulting Engineers
- Tysan Foundation Hong Kong Limited
- Vibro (HK) Limited
- WSP Hong Kong Limited

Work-integrated Learning

Work-integrated Learning (WIL) modules are directed industry attachments that provide powerful learning experiences by integrating theoretical learning with its application in the workplace. Students are required to complete 480 hours of Work-integrated Learning to be eligible for the award of Bachelor of Engineering (Honours) in Civil Engineering.

Career Prospects

Graduates may pursue in the following careers:

- Assistant Engineers
- Graduate Engineers
- Project Coordinators
- Site Agents
- Project Managers
- Civil Engineers
- Structural Engineers
- Geotechnical Engineers

Work-Study Degree Programme

An alternative articulation pathway and advancement opportunity for Higher Diploma graduates and working adults to pursue a Bachelor's degree qualification through studying at THEi and at the same time accumulating work experience while earning an income at workplace.

Study Requirement:

Study 4 weekday evenings per week for 3 semesters per academic year for 2 years (Year 3 entry)

Achievements



Ms HO Hiu Fung, a graduate from Civil Engineering in 2023, was granted Best Student awards 2023 from HKIE structural division.



In January 2025, two CE students (CHENG Kwok Cheong and HO Yuk Hang) received the "Hong Kong Housing Society Award".

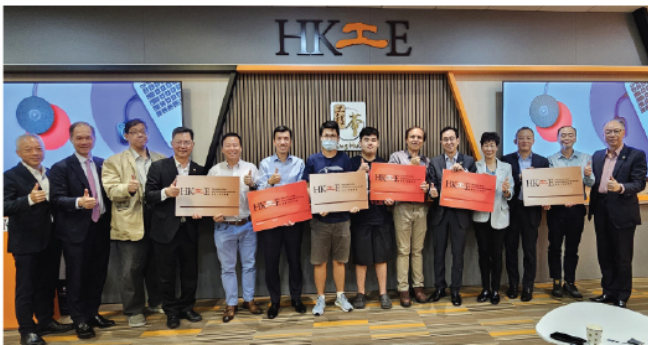
Student Activities



In August 2025, CE students participated in a service-learning project under the Wu Zhi Qiao (Bridge to China) Charitable Foundation. Collaborating with students from Xi'an University of Architecture and Technology, they assisted to design a factory layout suitable for the production and processing of traditional Chinese medicine.

Throughout academic years, various visits would be arranged for students.

To strengthen CE students' understanding in infrastructure design and the latest construction technology in the industry, the CE academic staff led students to CIC Zero Carbon Park, which was a test bed for state-of-the-art eco-building design and technological optimization. They also visited the MiC resources Centre, which demonstrated exhibits flats built using MiC, providing professional information and the latest news on MiC for the stakeholders.



HKIE Student Chapter has been established at THEi in order to encourage THEi's student members to maintain a close link with HKIE. THEi's Student Chapter often organises activities, including technical meetings, visits and other events to increase students' awareness of engineering profession and the Institution.

Chartered CE graduates were invited to share their valuable working experience and career paths with students. They also shared the steps they took to become Chartered Engineers.





Industry Endorsement

"THEi's Civil Engineering degree programme stands out as a forward-thinking, industry-aligned initiative that directly addresses the evolving demands of the industry. The curriculum's strong emphasis on integrating real-world applications with academic rigour ensures graduates are not only technically proficient but also immediately productive in professional environments. Through extensive industrial attachments and work-integrated learning components, students develop practical problem-solving skills, familiarity with current industry standards, and the adaptability required in today's dynamic engineering landscape."

Ir LAI Kwok Hung Sammy

Director, Gammon Construction Limited
Chairman of HKIE Building Division 2024/25



Graduate Endorsement

"Studying at THEi has been an enriching experience that has equipped me with a comprehensive set of technical and practical skills, which have proven to be invaluable in the professional workplace. The programme curriculum offered a well-rounded education combining theoretical knowledge with hands-on practical training. In addition, THEi provided great networking opportunities through WIL that allows students to be work-ready before graduation. With the support of THEi, I am now a passionate graduate engineer at ARUP, eagerly looking forward to the challenges that lie ahead in my career journey."

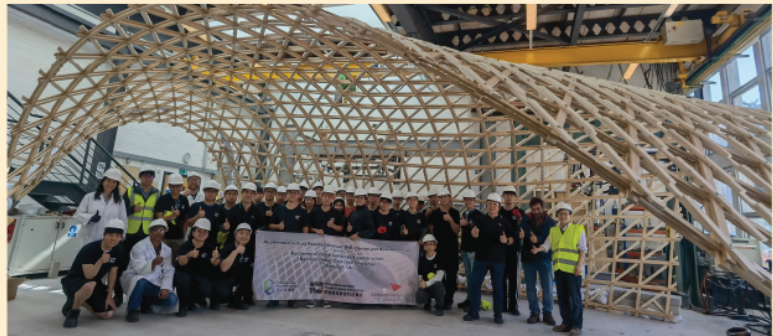
LAM Muk Wai

2022 Graduate, 1st class honours,
Adwardee of the Best Student award from HKIE structural Division 2022

Competitions and Trainings



In July 2025, a team composed of two CE students advanced to the finals of the "The Third THEi - Lions Club Enterprise Start-Up Competition" and received the Elevator Pitch Merit.



30 CE students embarked on an enlightening overseas BIM training programme at Edinburgh in summer 2024. Collaborated with Edinburgh Napier University and funded by CITF of Construction Industry Council, this programme provided an immersive experience for students to engage in hands-on learning from BIM and 3D modelling with application of latest mixed reality (MR) technology to constructing a Bamboo-Timber Gridshell during the design and build workshop. They also got the opportunity to visit a local timber manufacturing factory, which houses the largest timber treatment machines in Scotland.

Exchange Study / Internship

We provide excellent opportunities for overseas study, exchange and international competition e.g. Japan, Germany, UK and Taiwan. Students are able to practise in excellent companies in the industry e.g. Gammon construction Ltd., AECOM consulting Ltd, Build King Holdings Ltd., Meinhardt Consulting Engineers and WSP HK Limited.



Internship and Exchange Study in UK



Internship in Germany



Internship in Japan