



**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

**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) 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.

**Professional Recognition**

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



For year-3 online application:  
VTC Web-based Admissions System  
[www.vtc.edu.hk/admission](http://www.vtc.edu.hk/admission)



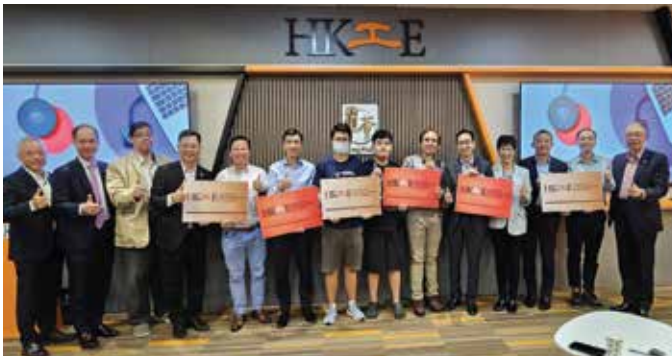
This programme is recognised under the QF (Level 5)  
QR Registration No. : 12/000571/5  
Registration Validity Period: 01/09/2012 to 31/08/2027

## Student Activities



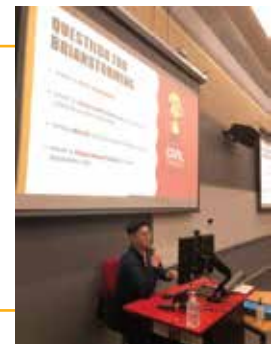
In 2023, THEi WZQ bridge team joined WZQ Charitable foundation Summer Service-learning Trip in Xiaowopu Village, Hebei to have experiential learning by performing practical repair and construction works for villagers. They have worked with students and staff from Beijing Jiaotong University, Beijing University of Civil Engineering and Architecture and University of Hong Kong.

In order to help students in infrastructure design and explore geological features and heritage in civil engineering, various visits and site reconnaissance exercises would be arranged for students throughout academic years.



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

“The CE programme offered by THEi is vocationally-oriented. It strikes a fine balance between theories and practices, meeting the genuine needs of the industry. The four-year programme emphasises on work-integrated learning and industrial attachment. Therefore, students have the opportunity to work and gain practical experience in the industry. I strongly believe that graduates from the CE programme will be welcomed by employers.”

#### Ir Siu-lun CHEUNG

Business Development Director  
Build King Holdings Limited



### 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 Scholarships



In 2022, CHOW Man Sum, current student of Civil Engineering programme collaborated with other engineering students from THEi won the second place and three merit awards in the BIM competition of the CIC.



IDEERS 2023 International Earthquake Competition held at the National Earthquake Engineering Research Centre in Taipei.

### 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

## 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.



Miss Lam Muk Wai, a graduate from Civil Engineering in 2022, was granted the best student award 2022 from HKIE structural division.