

**Hong Kong Institute of Vocational Education
Department of Construction
Course Information Leaflet**

CERTIFICATE IN CIVIL ENGINEERING

General Aim:

The Course is designed with the general aim to train in-service junior technicians in the civil engineering construction industry to become qualified technicians by providing the basic academic knowledge and vocational skills.

Social and Professional Aims :

- (a) To improve the technical knowledge of and provide complementary basic engineering education to students who are already employed in the construction industry.
- (b) To provide the students with a balanced training program which consists of both the basic theoretical background and the practical aspects of the techniques commonly adopted in the construction industry so that students will be able to work effectively and efficiently in their future careers.
- (c) To enable the students to acquire the academic attainments required for future personal and professional development.
- (d) To raise the general standard, in both safety and quality, of the local construction industry through giving appropriate training in these aspects to the new generation.

Duration:

Two years Part-time Day-release (Course Code : 53501)
Two to five years Part-time Evening, Module Accumulated (Course Code : 55501)

For Part-time Day-release (PTD) mode of study, the curriculum consists of two years study which usually requires an attendance of one day (6 hours) and one evening (3 hours) per week for 30 weeks each year.

For Part Time Evening (PTE) mode of study, the course can be completed from two to five years.

Campuses offering this Course:

- Morrison Hill Campus
- Tuen Mun Campus

Entry Requirements :

Hong Kong Certificate of Education Examination with Grade E or above in five subjects including English Language (Syllabus B), Mathematics and Physics/Engineering Science; Foundation Diploma (Technical); Foundation Certificate (Technical); Basic Certificate for Technician Trainee; or equivalent.

Persons who do not possess the formal academic qualifications required for the admission but are of at least 23 years of age on the 1st day of September in the year of application may be granted exemption from the entry requirements provided that they can demonstrate, to the satisfaction of the Course Board, an aptitude and suitability for the course on the basis of maturity, experience and academic attainment.

The Curriculum:

The total study hours is 540.

Two years Part-time Day-release (Course Code : 53501)

<u>Year-1 Modules</u>	<u>Module Value</u>	<u>Year-2 Modules</u>	<u>Module Value</u>
English and Communication	1	Engineering Surveying I	1
Introduction to Computing B	0.5	Construction Drawing	1
Mathematics I	1	Introduction to Electrical & Mechanical Services	0.5
Construction Materials	1	Structural Mechanics	1
Construction Technology I	1	Civil Engineering Construction	0.5
		Measurement and Documentation	0.5
Year-1 Total	4.5	Year-2 Total	4.5

Two to five years Part-time Evening, Module Accumulated Mode (Course Code : 55501)

- Students must complete all of the following modules within 2 to 5 years to obtain an award.
- The maximum Module Value a student can enroll in an academic year is 4.5.

<u>Module Value ^</u>	<u>Module Value</u>
<u>Generic Modules</u>	<u>Core Modules</u>
English and Communication * 1	Construction Materials 1
Introduction to Computing B * 0.5	Construction Technology I 1
Mathematics I * 1	Engineering Surveying I 1
	Construction Drawing 1
	Introduction to Electrical & Mechanical Services 0.5
	Structural Mechanics 1
	Civil Engineering Construction (Construction Technology I #) 0.5
	Measurement and Documentation (Construction Technology I #) 0.5
* Generic Modules must be enrolled in the first year of registration.	
# Module in bracket are pre-requisite.	
^ Normally one Module Value is equivalent to 60 study hours.	

Career Opportunities:

Works Supervisor, Assistant Site Agent, Site Foreman, Quantity Surveying Assistant, Draughtsman, Technical Officer Assistant, Survey Officer Assistant and Engineering Assistant in the construction industry. The Certificate is recognised as satisfying the academic requirement of Grade T1 of Technically Competent Persons (TCP) for site safety supervision under the Supervision Plans.

Recommended Routes of Further Studies:

Higher Certificate in Civil Engineering (part-time) offered by the Hong Kong Institute of Vocational Education (Tsing Yi Campus).

Enquiries:

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