

## TECHNOLOGICAL AND HIGHER EDUCATION INSTITUTE OF HONG KONG

Faculty	: Science and Technology
Programme name	: Professional Diploma in Building Services Engineering (QF Level 5)
Code	: ST525105
Venue	: THEi Building, 20A Tsing Yi Road, Tsing Yi Island, N.T.
Recognition	: Recognised under the Qualifications Framework ( <a href="http://www.hkqr.gov.hk">www.hkqr.gov.hk</a> ) at QF Level: 5, QR Registration No.: 17/000503/L5, Validity Period: 01/09/2017 to 31/08/2022

### Programme Aims

The Programme aims to enable students to acquire a solid understanding and foundation in both practical and theoretical knowledge in building services engineering (BSE) to serve the manpower needs of the building services industry in Hong Kong. At QF Level 5, it is developed with a strong vocational orientation to provide students with the necessary engineering and managerial knowledge and skills to pursue careers in BSE.

### Career Prospects

Graduates of the Programme will be capable of assuming duties in any sectors of the building services industry such as consultancy, contracting, operation and maintenance, research and technical support. They can advance to managerial positions in the construction fields, government departments, or facility management companies.

Graduates of the Programme with good academic performance can apply for direct entry to the senior year of the Bachelor degree study. The Programme provides an effective top-up, conversion, or articulation path into the BSE discipline.

### Programme Curriculum

	Module Title	QF Level	QF Credit	Contact Hours
Sem 1	English for Academic Studies 1	4	12	42
	Advanced Engineering Mathematics	5	12	42
	Electrical Services & Installation	4	12	42
Sem 2	HVAC Technology	4	12	42
	Pipe Services	5	12	42
	Fire Services	5	12	42
Sem 3	Advanced Electrical Installations	5	12	42
	Indoor Environment & HVAC Systems	5	12	42
Sem 4	Building Services System Design	5	12	42
	Project Management	5	12	42
Sem 5	Industry-based Student Project	5	24	84
	Professional Development (non-credit bearing)	--	--	--
		<b>Total:</b>	<b>144</b>	<b>504</b>

### Teaching Staff

Qualified teaching staff of experienced specialists and professionals in the related field from both the public and private sector.

## Entry Requirements

The minimum entry requirement for the Programme should normally be the following:

- A VTC's Professional Diploma in relevant discipline at QF Level 4, or Higher Diploma or equivalent qualifications in a relevant area of study such as building services engineering; OR
- Graduates with a Professional Diploma, a Higher Diploma or an Associate Degree in other engineering or science programmes or equivalent will be considered for admission on a case-by-case basis and their suitability will be evaluated by the Programme Team. These students may be required to study one or more bridging modules as determined by the Programme Leader.

## Duration

20 months (Tentative starting date: 1 September 2017)

## Delivery Mode

Part-time, weekday evening and/or weekend classes

## Tuition Fee and Caution Money

Tuition Fee in total HK\$79,200 (Payable by two installments)

	Deadline for payment	Amount
First Installment	1/8/2017	HK\$40,000 (including caution money of HK\$400)
Second Installment	1/8/2018	HK\$39,600

## Engineering Training Subsidy Scheme (ETSS)

Students studying this Programme may apply for ETSS of the HKSAR Government ([www.vtc.edu.hk/admission/pts](http://www.vtc.edu.hk/admission/pts)). Successful applicants will be refunded 60% of the tuition fees, subject to a maximum of \$45,000 per person. For details, you may contact the Engineering Discipline In-Service Training Office at 2435-9423 or by [etss@vtc.edu.hk](mailto:etss@vtc.edu.hk).

## Assessment and Award

A student is eligible for the Professional Diploma in Building Services Engineering (PD-BSE) award if all of the following conditions are satisfied:

- Accumulation of 144 QF Credit Points;
- Achieve a minimum average pass mark of 40% across all assessment items for each module.

## Further Study Opportunity:

Students who have passed with Credit or above in the programme can apply for admission into the senior year of the Bachelor of Engineering (Honours) in Building Services Engineering degree programme of THEi or other relevant institutes.

## Medium of Instruction

English

## Application Deadline

18 August 2017 (Fri)

## Enquiry

Faculty of Science and Technology

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