

TECHNOLOGICAL AND HIGHER EDUCATION INSTITUTE OF HONG KONG

Faculty : Science and Technology
 Programme name : Professional Diploma in Plumbing Engineering for Building Services
 Code : ST525104
 Venue : THEi Building, 20A Tsing Yi Road, Tsing Yi Island, N.T.

Programme Aims

The programme aims to enable students to acquire a solid understanding and foundation in both practical and theoretical knowledge in plumbing and building services engineering to meet the manpower needs in Hong Kong. At QF Level 5, the programme is strongly vocationally orientated, providing students with sound engineering & managerial knowledge & skills to pursue careers in plumbing and building services engineering, equipping students to become qualified technicians, with good background to pursue further professional studies, and career endeavors.

Career Prospects

The programme is strongly supported by the leading plumbing trade and professional associations and societies in Hong Kong, The Hong Kong Federation of Electrical and Mechanical Contractors (HKFEMC), and Building Services Operation and Maintenance Executives Society (BSOMES).

Graduates will work in the plumbing and building services industry, taking up duties in consulting work, contracting work, operation and maintenance, research and technical support. Their career prospects include advancing to managerial positions such as design/project (MEP) /facilities managers in consulting/contractor companies, overseeing employees and operations in new construction sites/existing facilities.

Programme Curriculum

	Module Title	Pre-requisite/ Co- requisite	QF Level	QF Credit	Contact Hours
Sem 1	English for Academic Studies 1	-	4	12	42
	Advanced Engineering Mathematics	-	5	12	42
	Professional Development (non-credit bearing)	-	-	-	-
Sem 2	Advanced Pipe Services & Fire Safety Engineering	-	5	12	42
	Electrical Services & Installation for Plumbing Engineers	-	4	12	42
Sem 3	HVAC Technology for Plumbing Engineers	-	4	12	42
	Advanced Electrical Installations	Electrical Services & Installation for Plumbing Engineers	5	12	42
Sem 4	Indoor Environment & HVAC Systems	HVAC Technology for Plumbing Engineers	5	12	42
	Commissioning & Maintenance for Building Facilities	-	5	12	42
Sem 5	Building Services System Design	-	5	12	42
	Industry-based Student Project	-	5	25	84
			Total:	133	462

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 Plumbing Engineering at QF Level 4, or Professional Diploma in Electrical and Mechanical Technology in Buildings at QF Level 4, or Higher Diploma in Building Services Engineering / Mechanical Engineering / Electrical Engineering or equivalent; OR
- Graduates with a Professional Diploma, Higher Diploma or an Associate Degree in other engineering/ science/equivalent programmes will be considered for admission on a case-by-case basis. They may be required to study some 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\$69,300 (Payable by two installments)

	Deadline for payment	Amount
First Installment	18/8/2017	HK\$38,200 (including caution money of HK\$400)
Second Installment	18/8/2018	HK\$31,500

Engineering Training Subsidy Scheme (ETSS)

Students under this programme may apply for ETSS. Successful applicants will be refunded 60% of the tuition fees of eligible programmes, 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. The online application for the scheme is available on this website: <https://cpe.vtc.edu.hk/admission/ETSS.jsp>

Assessment and Award

A student is eligible for the Professional Diploma in Plumbing Engineering for Building Services award if all of the following conditions are satisfied:

- Accumulation of 133 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 Year 3 of the Bachelor of Engineering (Honours) in Building Services Engineering programme of THEi. They may need to study bridging module(s) as required by the Programme Leader.

Medium of Instruction

English

Application Deadline

31 December 2016 (**Extended to 18 August 2017**)

Enquiry

Faculty of Science and Technology

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