

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, VTC, 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. 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 endeavours.

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 building managers and design managers in consulting companies, overseeing employees and operations in the construction sites.

Programme Curriculum

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

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, or Mechanical Engineering, or Electrical Engineering, or equivalent; OR
- Graduates with a Professional Diploma, Higher Diploma or an Associate Degree in other engineering or science programmes, or its equivalent 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 to 24 months

Delivery Mode

Part-time, weekday evening and/or weekend classes

Tuition Fee and Caution Money

Total HK\$51,550 (HK\$51,150 being the tuition fee and HK\$400 being the caution money)

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.

Medium of Instruction

English

Venue

THEi Building, 20A Tsing Yi Road, Tsing Yi Island, N.T.

Application Deadline

30 June 2015

Enquiry

Faculty of Science and Technology

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Application Details

Please click [HERE](#) for the application form.