



英國特許水務學會 - 香港分會

The Chartered Institute of Plumbing and Heating Engineering
- Hong Kong Branch



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

Professional Diploma Course in Public Health and Plumbing Engineering

Background

After the SARS outbreak, plumbing has become a focal point where virus could be transmitted through improper plumbing and drainage design. The Chartered Institute of Plumbing and Heating Engineering, Hong Kong Branch (CIPHE-HKB) as a professional body in plumbing and drainage engineering will take the initiative to provide fundamental training in plumbing and drainage design. Department of Civil and Structural Engineering (CSE) of the Hong Kong Polytechnic University who is actively involved in academic education and training in Hong Kong would like to support the training as a partner organisation, and CIPHE-HKB for providing continuing professional development for the practitioners in the field of plumbing and drainage design. The 1st Professional Diploma Course in Plumbing and Drainage Design and Management has been successfully completed in January 2006, and now, it is the 6th of Intake and will be organised by CIPHE-HKB and CSE of the Hong Kong Polytechnic University. Content of public health will be added and the course name is “Professional Diploma in Public Health and Plumbing Engineering”. The course will be held in April 2010.

Objectives

This program is intended to enhance professional training on public health, plumbing and drainage design including water supply and drainage works. Upon completion of the course, participant will:

- acquire the knowledge on the system design, problem solving, equipment and material selection of plumbing and drainage installations;
- be able to apply the knowledge and techniques to practical plumbing and drainage engineering applications.

Course Structure

Module	Topics	Durations (hours)
1. Plumbing Water Services Design and Installation	<ol style="list-style-type: none"> 1. Healthy potable and flushing water quality and supply system design (domestic, commercial, hospital and high-rise buildings) 2. Hot water supply system including steam boiler design (domestic, commercial, hospital and high-rise buildings) 3. Plumbing materials characteristic and selections 4. Up-feed water pump and pneumatic water pump design and calculations. 5. Regulations and guidelines for hot, cold and flushing water supply systems. 	30
2. Sanitary System, Drainage and Sewerage Design and Installation	<ol style="list-style-type: none"> 1. Design of plumbing disposal and treatment system 2. Below ground drainage system design & submersible pump design 3. Surface water drainage and sump pit design 4. Domestic sewage and effluent treatment 5. Regulations and guidelines for building drainage and sewage treatment installations 	30
3. Miscellaneous Plumbing Systems Design and Installation	<ol style="list-style-type: none"> 1. Design for commercial kitchen, spa, recycle system for cooling tower 2. Swimming pool water system and treatment 3. Operation, management, testing & commission procedures 4. Sustainability / green design 5. Fire prevention, Industrial Safety 6. Environmental impact assessment and monitoring 	30



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Target Participants

This course is designed for practitioners in the field of Plumbing & Drainage, including engineers, supervisors, managers and other technical executives who need to apply plumbing design with public health knowledge to achieve better results in new building projects and renovation works in existing buildings.

Entrance Requirements

Applicant should possess a Higher Certificate / Higher Diploma in Engineering / Building studies / Construction related discipline or equivalent. Acceptance of application is subject to the discretion of CIPHE-HKB and the Hong Kong Polytechnic University (PolyU).

Course Duration

Each module contains 11 sessions (10 x 3 hours for lecture and 1 x 2-hours for written assessment). A total of 32 hours includes 30 hours of lecture which is 3 hours per session. Each module will be 1 or 2 sessions per week.

Course Lecturer

Experienced lecturers and professionals from PolyU and CIPHE-HKB.

Award

Participants with at least 80% attendance rate and having satisfactory passed the module assessment will be awarded an Attainment Certificate of that module (Attainment Certificate in Public Health and Plumbing Engineering – Module 1, 2, 3) . All the certificates of Diploma will be issued by **the Hong Kong Polytechnic University (Attainment Certificate of individual module)**. Those who will successfully complete all the 3 modules (maximum in three years duration) will be awarded the **diploma of “Professional Diploma in Public Health and Plumbing Engineering”** issued by **the Chartered Institute of Plumbing and Heating Engineering - Hong Kong Branch**.

Students have module certificates in intake 4 and 5 are accepted once they complete all modules after this intake. This Professional Diploma may be considered by CIPHE-HKB to be equivalent to one of the academic qualifications required for FULL member (MCIPHE).

Tuition Fees

HK\$2,380.00 is for each individual module.

Venue

The Hong Kong Polytechnic University

Class Date and Time

Lesson	1	2	3	4	5	6	7	8	9	10	11 Assessment
Module 1: (Thursday)	8/4	15/4	22/4	29/4	6/5	13/5	20/5	27/5	3/6	10/6	17/6/2010
Module 2: (Tuesday)	13/4	20/4	27/4	4/5	11/5	18/5	25/5	1/6	8/6	22/6	29/6/2010
Module 3: (Tuesday, Thursday)	24/6	6/7	8/7	13/7	15/7	20/7	22/7	27/7	29/7	3/8	10/8/2010

Time for Lecture : 6:45pm to 9:45pm (3 hrs each)

Time for Assessment : 7:00pm to 9:00pm (2 hrs each)



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Closing Date for Application

31 March, 2010 for module 1; 8 April, 2010 for module 2; and 22 June, 2010 for module 3.

Class Commencement Date

8 April 2010 (Thursday)

Max. of Class Size

50 Students (First-come first served basis)*

Application Procedures

a) Please send the enrolment form, copy of academic qualification attained and course fee in the form of crossed cheque made payable to “The Hong Kong Polytechnic University” **on or before the captioned closing dates** to address –

The Chartered Institute of Plumbing and Heating Engineering, Hong Kong Branch (CIPHE-HKB), Wanchai P.O. Box 23229, Hong Kong.(please see application form)

b) Admission is made on first-come first served basis*.

c) Applicant applying for three modules is preferable but not essential. Final acceptance of the applicant will be subject to the discretion of management of CIPHE-HKB and the HK PolyU.

d) The HK PolyU and CIPHE-HKB reserves the right to cancel the module or the course if there is insufficient enrolment or unforeseen difficulties. Fee will be refunded due to cancellation of any of the modules or the course.

e) Successful applicants will be notified of the result as soon as possible after the closing date of the application.

f) No refund will be entertained after registration is accepted by the HK PolyU and CIPHE-HKB.

Enquiries

The Chartered Institute of Plumbing and Heating Engineering- Hong Kong Branch

Tel: 24170091 (9:00 a.m. to 12:00 p.m.) Fax: 24179719

Email : info@ciphe.org.hk, (please provide contact telephone number)

Web site : www.ciphe.org.hk

Acceptance

Application result will be informed by **polyu_ciphe@yahoo.com** as soon as possible.

* Higher priority will be given to CIPHE members



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Enrolment Form

PERSONAL CONTACT DETAILS

Name (Mr/Mrs/Miss/Ms): _____

CIPHE Membership Member No. : _____

Others: _____

Company Name: _____ Position: _____

Contact Address: _____

Contact No: _____ Mobile No: _____ Fax No: _____

Email: _____

QUALIFICATION (Additional sheet(s) may be added if space provided is not enough)

1 Education and training

<i>Name of college</i>	<i>Course taken/qualifications obtained</i>	<i>Date</i>
_____	_____	_____
_____	_____	_____

2 Work Experience

<i>Company Name & Position</i>	<i>Responsibilities/duties</i>	<i>Dates (from & to)</i>
_____	_____	_____
_____	_____	_____

I understand application of full course which will be considered in first priority

I wish to apply for the following module(s)

Please Tick	Module Title	Time	Dates/Sessions	Fee
	1) Public health ,Plumbing Water Services Design and Installation	6:45pm – 9:45pm	Thursdays, (11 sessions) 8 Apr to 17 Jun 2010	HK\$2,380
	2)Sanitary Plumbing, Drainage and Sewerage Design and Installation	6:45pm – 9:45pm	Tuesdays , (11 sessions) 13 Apr to 29 Jun 2010	HK\$2,380
	3) Miscellaneous Plumbing Systems Design and Installation	6:45pm – 9:45pm	Tue, Thurs , (11 sessions) 24 Jun to 10 Aug 2010	HK\$2,380

Venue: The Hong Kong Polytechnic University

I enclose a crossed cheque with HK\$ _____ (Cheque No: _____) which is payable to “**The Hong Kong Polytechnic University**”

Signed _____ Date _____

Note: Please send your enrolment form together with the cheque (Pay to the Hong Kong Polytechnic University) and send to **The CIPHE-HKB, Wanchai P.O. Box 23229, Hong Kong** and **FAX** or **Email** the completed form to 2417-9719 or info@ciphe.org.hk (attached with related certificate copy)