

Professional Courses in Public Health and Plumbing Engineering (2019)

Background

After the outbreak of SARS, plumbing has become a focal point where virus could be transmitted through improper plumbing and drainage design. Water safety is focused in 2015. The Chartered Institute of Plumbing and Heating Engineering as a professional body in plumbing and drainage engineering takes the initiative to provide a fundamental training in plumbing and drainage design and installation.

Department of Civil and Environmental Engineering (CEE) of The Hong Kong Polytechnic University (PolyU) has been actively involved in water engineering in Hong Kong. CEE is glad to provide support as partner organisations with CIPHE-HKB in offering a series of professional courses in Public Health and Plumbing Engineering. This will be the 16th intake of the courses organised by CIPHE-HKB since 2005.

Objectives

These courses are intended to provide a professional training on public health, plumbing and drainage design including water supply and drainage works. Upon completion of these courses, participants will be able to:

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

Target Participants

These courses are designed for practitioners in the field of Plumbing and 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

Applicants **should** possess a Higher Diploma or Higher Certificate in Engineering / Building Studies / Construction related discipline or equivalent. Enrolment is subject to the decision of CIPHE-HKB and CEE. Entry test may be required.

Media of Instruction

English, supplemented by Cantonese

Venue

The Hong Kong Polytechnic University, Hung Hom, Kowloon

Courses Structure

The courses include 3 modules and each contains 10 lessons (3 hours each) and a 2-hour evaluation. There will be 2 or 3 lessons per week for each module.

Module Title	Topics	Duration (hours)
Module 1 Plumbing Design and Installation	Potable and flushing water safety, quality and supply system design (domestic, commercial, hospital and high-rise buildings); Hot water supply system including steam boiler design (domestic, commercial, hospital and high-rise buildings); Piping materials, pump characteristic and selections; Up-feed water pump, system sizing and calculations; and Regulations and design guidelines for hot, cold and flushing water supply systems.	32 Lecture: 30 Exam: 2
Module 2 Sanitary System, Drainage, Sewerage Design and Installation and Health Consideration	Design of plumbing disposal and treatment system; Below ground drainage system design and submersible pump design; Surface water drainage and sump pit design; Domestic sewage and effluent treatment; and Regulations and design guidelines for building drainage and sewage treatment installations	32 Lecture: 30 Exam: 2
Module 3 Safety, Green and Miscellaneous Plumbing Systems Design and Installation	Design for kitchens, spa, recycle system for cooling tower; Swimming pool water supply system and treatment; Operation, management, testing & commission maintenance procedures; Sustainability / green design; and Water safety plan on building, fire prevention and industrial safety.	32 Lecture: 30 Exam: 2

Tentative Schedule (2019)

Lesson	1	2	3	4	5	6	7	8	9	10	11 (Exam)
Time	7:00pm – 10:00pm										7:00pm - 9:00pm
Module 1	16/09 (Mon)	18/09 (Wed)	20/09 (Fri)	23/09 (Mon)	27/09 (Fri)	30/09 (Mon)	02/10 (Wed)	04/10 (Fri)	09/10 (Wed)	11/10 (Fri)	18/10/19 (Fri)
Module 2	21/10 (Mon)	23/10 (Wed)	25/10 (Fri)	28/10 (Mon)	01/11 (Fri)	04/11 (Mon)	06/11 (Wed)	08/11 (Fri)	11/11 (Mon)	15/11 (Fri)	22/11/19 (Fri)
Module 3	25/11 (Mon)	27/11 (Wed)	29/11 (Fri)	02/12 (Mon)	06/12 (Fri)	09/12 (Mon)	11/12 (Wed)	13/12 (Fri)	16/12 (Mon)	20/12 (Fri)	30/12/19 (Fri)

Tuition and Other Fees

New applicants are encourage to take the entire courses and the tuition fee for each module is HK\$4,500 which includes project assessment fee and the total tuition fee is HK\$13,500. For students who are required to take re-exam, a re-exam fee of HK\$350 per module is needed to be paid to CIPHE-HKB. Students of Intake 14 and Intake 15 who did not complete individual module can apply for respective module only.

Closing Dates for Application

24 August 2019

Places are limited with a maximum of fifty (50) are allowed for the courses. CIPHE-HKB and CEE reserve the right to close application before the closing dates specified. Five (5) places will be reserved to those who had studied in Intake 14 (year 2017) & Intake 15 (year 2018) and surplus will be released to new applicants if not filled.

Certification

By PolyU CEE:

Certificate of Completion will be issued for each module to participants who have attended at least 70% of the lessons and completed all requirements of that module. Certificate of Attendance is to be issued to students who have attended 100% of the lessons but failed to pass the assessment(s) of that module.

By CIPHE-HKB:

On or before this intake, those who have successfully completed all 3 modules are eligible to apply for the **“Professional Diploma in Public Health and Plumbing Engineering”** which is based on required performance of the courses. This Professional Diploma is considered by CIPHE-HKB to be equivalent to one of the academic qualifications required for its FULL member (MCIPHE).

The students are recommended to submit a design project in related topics listed by CIPHE-HKB. A maximum of 10% of overall marks will be added with the submission of project. In addition, students are also recommended to attend a 3-hour CPD seminar on related topic in their design projects. Details of the project and the seminar will be announced in the class.

Application Procedures

Please send your duly completed application form with copies of academic qualification certifications and course fee in the form of bank draft / crossed cheque made payable to “The Chartered Institute of Plumbing and Heating Engineering – Hong Kong Branch Limited” on or before the respective closing date mentioned to the following address:

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

P.O. Box 23229, Wanchai,
Hong Kong

Notes for Applicants

- a) Incomplete application forms and post-dated cheques will not be accepted.
- b) If application has exceeded the maximum allowable places of the courses, applicants will be selected by random draw with the witness of committee members of CIPHE–HKB and representatives of PolyU.
- c) Priority will be given to members of CIPHE. Remaining places will be offered to other applicants who have applied for entire course and fulfilled the entrance requirements which will be verified by CIPHE–HKB and CEE.
- d) Applicants will be notified by mail or email of the application result on or before 6 September 2019. Courses’ details will be sent to successful applicants by email before the course commencement date. Applicants make sure their email address are functional email address and fee paid.
- e) Applicants are recommended to apply as early as possible. Qualified applicants may be considered for the next intake when places are filled.
- f) It is recommended for applicants to apply for all three modules except students of Intake 14 and Intake 15. Final acceptance of the applicants will be subject to the decision of CIPHE–HKB and CEE.
- g) The CIPHE–HKB and CEE reserve the right to cancel any courses if there is insufficient enrolment or unforeseeable circumstance. For course cancellation, fees will be refunded by ordinary post.
- h) Fees paid are not refundable except for course cancellation or unsuccessful application.

Enquiries

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

Tel: 2417 0091 (9:00 am -12:00 noon)

Fax: 2417 9719

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

Website: www.ciphe.org.hk

Application Form

Professional Courses in Public Health and Plumbing Engineering (2019)

1 Personal Particulars

Name in English (as shown on HKID Card/ Passport*)

Name in Chinese Sex M / F

Chinese Character Code Date of Birth
Day Month Year

HKID Card/ Passport No.* If you are a non-local applicant, please enter 'Y'

Nationality

Correspondence Address

Tel. No. (Home) Tel. No. (Office) Fax No.

Mobile Phone No. E-mail Address

**Please delete as appropriate.*

2 Course Particulars

Please tick	Module Title	Module Code	Tentative Module Duration	Fee	Cheque No.
<input type="checkbox"/>	1. Plumbing Design and Installation	M1	16 September – 18 October 2019	HK\$4,500	
<input type="checkbox"/>	2. Sanitary System, Drainage, Sewerage Design and Installation and Health Consideration	M2	21 October – 22 November 2019	HK\$4,500	
<input type="checkbox"/>	3. Safety, Green and Miscellaneous Plumbing Systems Design and Installation	M3	25 November – 30 December 2019	HK\$4,500	
				Total Fee HK\$	

3 Academic Qualifications

Please complete this part as relevant to the entry requirements.

Awarding Institution	Title of Award	Year of Award

4 Professional Qualifications

Awarding Institution	Title of Award	Year of Award

5 Working Experiences

From (mm/yy)	To (mm/yy)	Full Time / Part Time	Name of Organisation	Position	Occupation # (Enter Code)

- # Occupation Codes
- | | | |
|--------------------------------------|-----------------------------|-----------------------------------|
| 1 Accounting | 06 Education | 11 Social Services |
| 2 Administration & Management | 07 Engineering | 12 Surveying |
| 3 Advertising | 08 Literary & Creative Work | 13 Transport and Logistics |
| 4 Banking & Financial Services | 09 Marketing & Sales | 14 Others (please specify: _____) |
| 5 Computing & Information Technology | 10 Public Relations | |

6 Other Information

Are you a student of Intake 14 and Intake 15?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are you a member of the Chartered Institute of Plumbing and Heating Engineering?	<input type="checkbox"/> Yes, Member No.: _____ <input type="checkbox"/> No

7 Declaration

I authorise The Chartered Institute of Plumbing and Heating Engineering - Hong Kong Branch (CIPHE-HKB), the Department of Civil and Environmental Engineering, to use my personal data for the following purposes:

- Processing my application for admission. My personal data will be transferred to the student record system when I am offered a place of study. The data will also be used by relevant offices within The Hong Kong Polytechnic University (PolyU) and CIPHE-HKB, in activities in support of my study at PolyU
- Statistical and research purposes (no personal identifiers such as name, HKID number, correspondence address and telephone number will be released in the survey results).
- Delivering the announcements of departments/ offices of PolyU and CIPHE-HKB and other promotional information related to activities, programmes, and benefits and services to me. My data including name, e-mail address, correspondence address, telephone number and fax number may be used for this purpose.

If you **do not** wish to receive information as stated in item 3, please put a cross 'X' in the box on the right.

I declare that all particulars given in this form are true and correct to the best of my knowledge and understand that provision of any false and misleading information will lead to disqualification of my application and registration for the courses with the institutions. Any fees paid will not be refunded.

I have read all the details above and understand the declaration I made (including the arrangement on the use of personal data).

07/2019

Signature

Date

To be completed by the Course Organiser

Admitted Rejected Waiting List

Name of Course Organiser: _____ Signature: _____ Date: _____

Guide for Applicants

Instructions on completing the application form

1. Please complete the form in English and print in blockletters.
2. Please complete each part in full as appropriate.
3. Please complete the application form clearly and accurately. Incomplete application forms will not be processed.
4. Please sign the application form before submitting your application.
5. Non-local applicants — A "non-local student" is defined as one who requires a student visa / entry permit to study in Hong Kong or is staying in Hong Kong under the "Immigration Arrangements for Non-local Graduates" (IANG). Non-local applicants who possess only a visitor or a tourist visa can neither be registered as students nor commence their studies until they have obtained student visas. If one holds a dependent visa, she / he does not require a student visa and will be regarded as a local student. If one holds a work permit and takes up a part-time programme, she / he will also be regarded as a local student. If one holds neither a work permit nor a dependent visa, it is unlikely that the Immigration Department of the HKSAR Government will grant him / her a student visa to take up a part-time programme. Throughout the course of study, it is the responsibility of individual students to ensure that their visas are valid. For details, please contact the Immigration Department of the HKSAR Government (Tel: 2824 6111; Website: <http://www.immd.gov.hk/eng/services/visas/study.html>).

Submission of application

6. The closing dates for application: **24 August 2019**.
7. The completed application form, copies of academic qualification certifications, and crossed cheque or bank draft payable to "**The Chartered Institute of Plumbing and Engineering – Hong Kong Branch Limited**" should be submitted to the following address before the closing date as specified above:

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

8. Please issue a cheque or bank draft and write your full name and module code(s) at the back of the cheque or bank draft.

Notification of application results

9. Applicants will be notified the results of their applications by mail or email on or before 6 September 2019. Please contact CIPHE-HKB if you do not receive any notification 1 week before course commencement.
10. Unsuccessful applicants will be notified of the results by CIPHE- HKB via mail or email. The cheque or bank draft for the fees will be returned by ordinary mail.

Fee refund policy

11. Fees paid are normally not refundable, except for cases of unsuccessful applications or course cancellation. Fees paid and places allocated are not transferable.

Certification

12. Certificate of Completion for the respective modules will be issued by CEE PolyU to those students who have achieved at least 70% attendance **AND** completed all requirements of that module. Certificate of Attendance will be issued to students who have attended 100% of the lessons but failed to pass the assessment(s) of that module.
13. Students who have successfully completed all 3 modules (within three successive intakes) are eligible to apply for the "**Professional Diploma in Public Health and Plumbing Engineering**" issued by CIPHE-HKB.
14. No certificate will be re-issued.

Use of information

15. Personal data provided as part of an application for admission will, during the admission process, be used solely for the purpose of admission, and in this connection the data will be handled by relevant offices within The Hong Kong Polytechnic University (PolyU), CIPHE-HKB and other partnering institutions in offering the course, if any.
16. Application documents and other related information of unsuccessful applicants will be destroyed within six months after the admission process has been completed.
17. Application documents of successful candidates will become part of the student file and the data will thereafter be handled by other faculties/ departments/ offices of PolyU and CIPHE-HKB.
18. Under the provisions of the Personal Data (Privacy) Ordinance, applicants have the rights to request access to, and the correction of, their personal data. Applicants wishing to get access or make corrections to their data should submit written requests to CEE PolyU.

Enquiries

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

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