



engineering success
soe hong kong region
營運工程師學會 香港分會

Course in Data Center Infrastructure and Operations

11 - 20 Sep 2017

IT support is crucial to every business and public sectors. No matter a few servers in a closet or a hundred of servers in a data center, all equipment and MEP (Mechanical, Electrical and Plumb) facilities required are mission-critical to maintain the IT services.

The course outlines the infrastructure system supports a typical data center and critical services and the main components facilitate a data center operations and maintenance. It also introduces the best practices and the international standards for data centers and critical facilities.

The course is designed for facilities engineers and IT infrastructure operators to acquire in-depth knowledge in designing critical infrastructure and data center operations.

1. What is Data Center
2. Applications of Data Center
3. Who are the Users
4. Users' Expectations
5. Inside a Data Center – IT, E&M Services, Facilities Supports
6. Data Center Configurations – Architectural, Structural, MEP, Network
7. Glossary – Resilience, Tier Levels, Redundancy
8. Operating a Data Center
9. Loss Prevention
10. Maintenance Management
11. Facilities Supports – MEP Services
12. Specific Requirements for Facilities
13. Operations Highlights
14. Sustainable Management
15. System Performance Assessments

Speaker: Ir C.K. Chan, BEng (Hons), MSc, BBA, CEng, MHKIE, MIET, REA
Mr. Ian Ip, BSc (Hons), MSc, CEng, MCIBSE

Venue: Flat C, 12/F, Blk 2, Wah Fung Ind Ctr, 33 - 39 Kwai Fung Crest, Kwai Chung, New Territories



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- Date:** 11 – 20 Sep 2017 (Mon, Wed and Fri)
- Time:** 07:00 pm – 10:00 pm
- Participant:** 35 persons maximum. SOE members and/or vendor / supplier / participant / stakeholder in Data Center Industry
- Fee:** HK\$3,750.00 (Member) and HK\$5,250.00 (Non-Member) non-refundable including course materials and course assessment
- Certification:** **15-hour** CPD certificate will be issued to students who completed and pass the course assessment with attendance over 70%.
- Registration:** Return the registration form and registration fee before **05 Sep 2017**. Successful members will be notified.
- Enquiry:** Please contact Anna at 2617-0311 or email: info@soe.org.hk



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登記表格 **REGISTRATION FORM**
申請人資料 **APPLICANT'S DETAILS**

**Course in Data Center Infrastructure
and Operations**

11 - 20 Sep 2017

姓名 **Name:**

英文：

English:

會員編號：

Membership No.:

中文：

Chinese:

電話號碼 **Telephone No.:**

住宅：

Home:

手提：

Mobile:

電郵：

E-Mail :

傳真：

Fax :

申請人簽署：

Applicant's Signature:

日期：

Date:

Registration Method 參加方法

參加表格連同支票寄到香港九龍長沙灣青山道 682 號 潮流工貿中心 1601 室，支票抬頭請寫
“SOEHK ”

**Registration form & cheque send to Room 1601, Trendy Centre, 682 Castle Peak Road, Cheung
Sha Wan, Kowloon, Hong Kong. Please make cheque payable to “SOEHK”**

參加表格連同人數紙傳真到 2617 0377 賬戶號碼 中國銀行(香港) "012-875-1-141560-8"

**Registration form & Deposit Slip Fax to: : 2617 0377 Account No. : Bank of China
"012-875-1-141560-8"**

Note:

1. If Tropical Cyclone Warning Signal No. 8 or above / Rainstorm Red or Black Warning is hoisted until 4:00 pm on the date, the program will be cancelled.
2. Information given in this brochure is intended as a guide only. SOEHKR reserves the right to alter without prior notice any of the contents published herein.