

# Electrical Design in Data Centre (GDC-E1)

| ORGANIZED BY:   | SUPPORTING ORGANIZATIONS :  |
|---|---|
|  <p><b>INTERNATIONAL<br/>PROFESSIONAL<br/>CONSULTANTS</b></p> |  <p>環境保護師學會<br/>Institution of<br/>Environmentalists</p>  <p>engineering success<br/>soe hong kong region<br/>營運工程師學會 香港分會</p> |

Electricity is the crucial source of supply for IT equipment and mission critical facilities. Though the electricity supply in Hong Kong is as best as 99.999%, IT equipment is more sensitivity to the power quality. Design a high resilience level power supply system and good in power quality are both essential to the Data Centre operations. In additional, the power system configuration has to be ease in operation, allow concurrent maintenance, sustainable in long term.

The course would cover the topics:

1. Concepts in primary and secondary supply
2. Power flow in mission critical supply system
3. Major equipments in critical supply
4. Efficiency assessment
5. Power quality review
6. Critical supply design and analysis
7. Cable sizing
8. Earthing systems in depth
9. T&C requirements
10. Brief of Systems Merging Appraisal Test

The course will be ended with an assessment of multiple choice. Students who get satisfactory result from assessment will be eligible to have a CPD certificate.

**Course structure:** 3 hours x 5 consecutive sessions

Time :11, 18, 25 Apr and 9, 16 May 2015; 14:00-17:00, every Saturday




Location :1607, Kowloon Plaza, 485 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong.

Speaker : Ir. MF Fok, MSc BEng(Hons) REA RSO IntPE CEnv CEng FSOE FIPlantE FCIBSE MHKIE REW(CO H0)

Course fee : HKD 3,400 including notes (10% discount for SOE & IEnv members and early bird, 6 weeks in advance)

Minimum size of class 10 students.

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## 登記表格REGISTRATION FORM

### 申請人資料APPLICANT'S DETAILS

#### 姓名Name:

英文 English: \_\_\_\_\_ 中文 Chinese: \_\_\_\_\_

#### 電話號碼CONTACT INFORMATION:

住宅 Home: \_\_\_\_\_ 手提 Mobile: \_\_\_\_\_

電郵E-Mail: \_\_\_\_\_ 傳真Fax: \_\_\_\_\_

緊急聯絡人 E-contact: \_\_\_\_\_ 緊急聯絡電話 E-Call: \_\_\_\_\_

申請人簽署: APPLICANT'S Signature: \_\_\_\_\_ 日期: DATE: \_\_\_\_\_

PLEASE TICK:  Data Centre Course :HK\$ 3,400.00  Early Bird and Members: HK\$ 3,060.00

參加表格連同人數紙傳真到2370 8189上海商業銀行,  
賬戶號碼: 347-14-172-72-3

Registration form & Deposit Slip Fax to: : 23708189  
Shanghai Commercial Bank Account No. : 347-14-172-72-3

PLEASE RETURN THIS APPLICATION FORM TO:

### International Professional Consultants

1607, Kowloon Plaza, 485 Castle Peak Road,  
Cheung Sha Wan, Kowloon, Hong Kong.

電話 Tel: 23708135 傳真 Fax: 23708189 電郵 Email: info@ipc.org.hk

# Data Centre Courses

ORGANIZED BY:



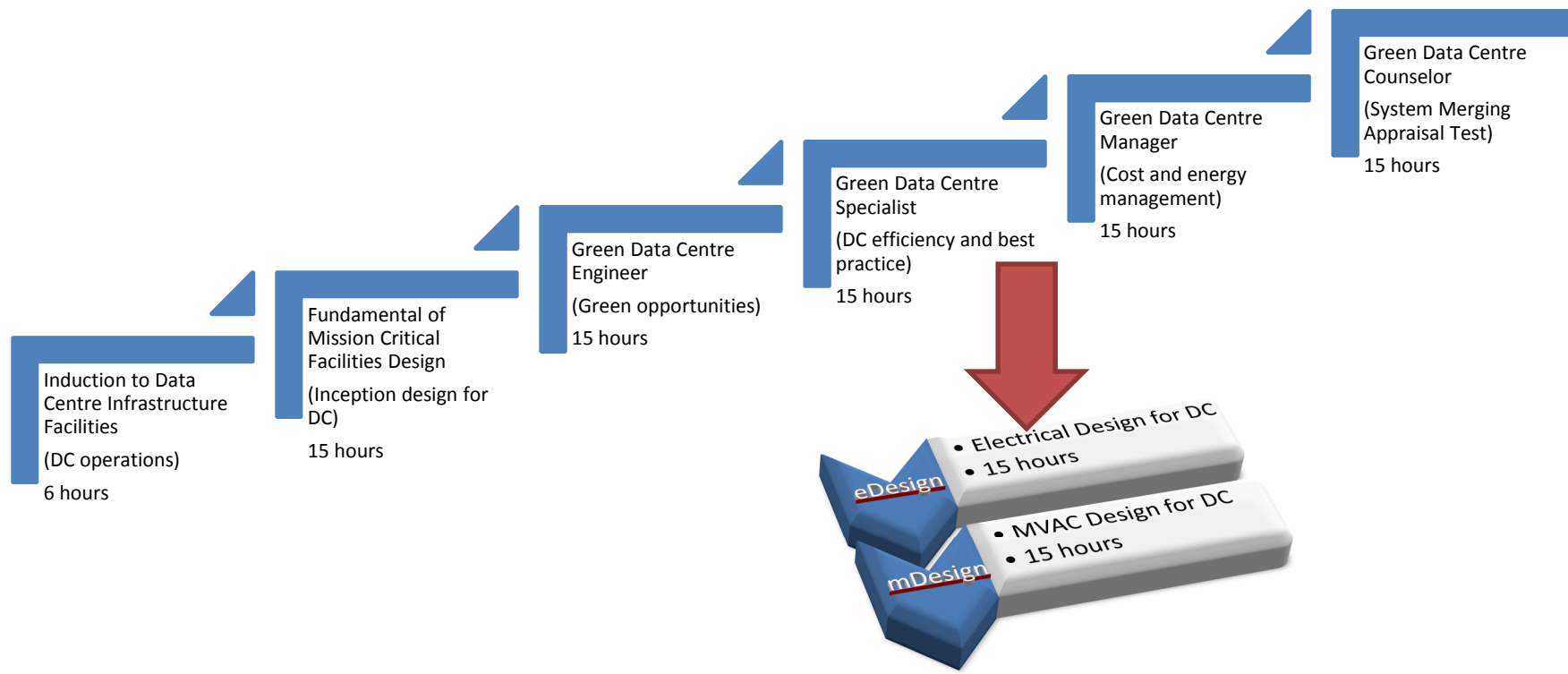
INTERNATIONAL  
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CONSULTANTS

SUPPORTING ORGANIZER :



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

6 steps towards professional in field of Data Centre. For those with relevant technical background, candidates may diverse their study to expertise design in electrical engineering and MVAC engineering after the fourth step "Green Data Centre Specialist".



Certificates will be issued upon completion of each step and all candidates grant the award of **Green Data Centre Counselor** with relevant qualification could apply the IEng through SOE.