



本課程已納入教育局  
持續進修發展計劃  
This course is under DSEJ  
Continuing Education Scheme

## 電力安裝及維修工程師專業證書課程

### Professional Certificate in Electrical Installation and Maintenance for Engineers

#### 課程簡介 Course Description

本課程針對電力工程人員而設計，專攻電力安裝及設計工程項目，內容由淺至深，專業及實用，透過講解、討論及個案分析，學員能掌握相關專業知識並學以致用。

This course is to provide the necessary knowledge, practices for electrical technical personnel and management group to design, install, and maintain the electrical systems and its operation items. The course content starts from the fundamental to some practical levels in order for the practitioners to be able to work and to determine independently when the dedicate situation arises during the course of work.

#### 教學目標 Teaching Objective

每位學員都能掌握相關專業知識，有助提升相關技術並學以致用於此行業繼續發展，不斷自我進修成為專業技術人員。

Wishing the students can pick up the relative professional knowledge and enhance the technology handling and apply this knowledge in future career development. Besides, this course acts as continuous professional development to the students to be specialist technical personnel.

#### 課程大綱 Course Outlines

- 電力條例準則  
Code of practice of electrical installation and maintenance
- 電線與配件  
Electrical wiring and accessories
- 圖表與電線圖  
Electrical cable characteristics charts and tables
- 工具與安裝實務  
Appropriate tools and installation practices
- 電力安全與隔離  
Electrical safety and isolation
- 檢查與測試  
Inspection and testing of field service equipment
- 電路控制  
Control of electric circuits
- 儀表工程  
Trend chart and instrumentation systems
- 水線與等電位接駁  
Installing proper earthing bond
- 供電系統  
Electrical distribution system
- 觸電保護  
Prevention of electrical shock
- 過流保護  
Fault current protection
- 個案研究(電力安裝實例)與考試  
Case studies (electrical installation and common examination)

#### 教學對象 Target Students

中學畢業，對此課程有興趣。適合電力安裝及維修工程師及有關行業學員。

-High school graduates who are interested at this course.

-Suitable for building and measurement engineers and related industry practitioners.

#### 授課語言 Medium of Instruction

廣東話 (輔以中文/英文教材) Lecture in Cantonese / Materials in English

#### 報名地點 Venue for Enrollment

澳門氹仔偉龍馬路澳門科技大學 O 座二樓 0204 室

0204, 2/F Block O, Macau University of Science and Technology, Avenida Wai Long, Taipa, Macau

#### 上課地點 Venue for Class

澳門氹仔偉龍馬路澳門科技大學（確實地點將於確認開課時以手機短訊通知）

Macau University of Science and Technology, Avenida Wai Long, Taipa, Macau (Classroom number will be notified after the course is confirmed to commence.)

### 上課日期 Course Date & Time

課程編號：1801280170-0	2018/8/4 & 2018/8/11	週六 Sat 10:00-13:00 14:00-18:00	總課時 14 小時
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課程費用 Tuition Fee MOP 2,000 元

收生名額 Class Size 20 人

### \* 報名注意事項 Enrollment Notes \*

1. 首次報讀本院短期課程者，請先登入網上報名系統（網址：<https://scs.must.edu.mo/oasc/PersonalInfo.do>）或掃描以下的 QR Code，選擇 **<工程學和工程行業>** 類別，預先登記個人資料（不需上傳身份證），填妥資料後，帶備身份證正、副本及相片 1 張至本院辦理報名。

For those who enroll for our courses for the first time, please go to <https://scs.must.edu.mo/oasc/PersonalInfo.do> or scan the QR Code below, choose the category of **<Engineering>**, and input personal information (no need to upload ID copy). After registration online successfully, please come to our school to make payment. You should bring along with your ID card and copy, and a passport size photo.

2. 報讀者可以現金/本票或劃線支票（抬頭請寫“澳門科技大學持續教育學院”或“SCHOOL OF CONTINUING STUDIES MACAU UNIV. OF SCIENCE AND TECHNOLOGY”）繳付學費及材料費，**現金收費上限為澳門幣/港幣 5,000 元**。  
Tuition fee and materials fee (if any) should be paid by cash or by cheque/Cashier Order (Please make payable to “SCHOOL OF CONTINUING STUDIES MACAU UNIV. OF SCIENCE AND TECHNOLOGY”). **Cash is accepted for payment of not more than MOP5,000.**

3. 所有費用一經繳交，恕不退還（本院取消開辦該課程除外）或轉讓。  
All payment made is not refundable (except that the course is cancelled by the School) or transferable.

4. 如課程報名人數不足，本院保留課程取消或延期的權利。  
The School reserves the right to cancel or postpone the courses if minimum class size is not reached.



### 查詢 Enquiries

Tel: 8796 1998 Email: [scs@must.edu.mo](mailto:scs@must.edu.mo)

Website: <http://www.must.edu.mo/scs/diploma-certificate-programs>

持續教育學院致力開拓終身學習機會，如欲收到本學院之課程資料，可發電郵至 [scs@must.edu.mo](mailto:scs@must.edu.mo)，並提供閣下之電郵地址，標題主旨為“加入通知群組”。

The School of Continuing Studies develops life-long learning opportunities. Should you wish to receive information on our programs / courses, please send us an email (to [scs@must.edu.mo](mailto:scs@must.edu.mo)) stating your email address in your email and “Join the mailing list” in the Subject line.

我們亦為機構/政府部門/學校等提供內部培訓，按各機構不同之要求(主題/時間/地點/對象)而訂定培訓內容。請與我們聯絡。  
We also offer in-house training for corporations/Government Departments/schools, tailor-made with respect to your choices of topics, time, place, and group of attendees. Please contact us for more information.