



起重設備和裝置的工程測試和搭建實踐 Engineering Test & Erection Practice on Lifting Appliance & Gear

註：此課程已獲「建築、工程及城市規劃專業委員會」（機械工程專業範疇）認可時數 12 小時。

專業提昇 Professional Enhancement

- ◆ 提昇工程專業人員對起重設備檢測和檢驗的準備和程序的專業知識。
- ◆ 更新工程專業人員對起重設備安裝、改建和拆除的最新標準和施工守則。
- ◆ 針對增進工程師的實際執業技能和工程管理知識。
- ◆ Enrich engineering professionals' knowledge and awareness on the preparation and procedure for inspection, testing and examination of lifting equipment.
- ◆ Update engineering professionals on the latest standard and practice of erection, alteration and dismantling of lifting equipment.
- ◆ Focus on real engineering practice in the Lifting & Hoisting Engineering industry which is not being included in common university programs or engineers' training.

課程簡介 Course Introduction

課程重點介紹起重設備和裝置的測試和搭建的操作，使學員能夠了解起重工作的法規和標準，包括建築業起重設備的測試、報告、目視檢查和工程運作。完成課程，學員能夠：

- a. 管理起重設備和裝備的檢測和檢查，對測試項目的安全或不安全決策進行專業判斷，並確定問題的可行解決方案；
- b. 應用、評估和持續提昇工程人員在工作環境中的專業知識和實踐技能。

This course provides requirements designed to give the participant a thorough grounding of the rule and standards relating to lifting equipment, understanding the statutory requirements for the inspection, rejection and the reporting of lifting equipment in service, conduct visual inspection of common use of lifting appliance and gear in construction industry. Upon completion of the workshop, learners shall be able to:

- a. manage testing and examination of lifting appliance and gear, make professional judgment on the safe or unsafe decision on testing items and to identify viable solutions to problems, and
- b. apply, evaluate and improve continuously their professional knowledge and practical skills in the working environments.

課程大綱 Course Outlines

起重機械和起重設備的法規評估和分析	[約2 小時]
起重機，起重機械和設備的標準和作業手則評估和分析	[約2 小時]
常用的索具和測試方法	[約2 小時]
使用檢測設備及其限制	[約2 小時]
如何規劃起重作業和書寫作業方案	[約2 小時]
起重失誤案例研究和預防	[約2 小時]
Analyze on Laws and Regulation related to the Lifting appliance and lifting gear	[about 2 hours]
Analyze on Standards and COP on cranes, lifting appliance & gear	[about 2 hours]
Usual rigging and testing methods	[about 2 hours]
Use of testing equipment and their limitation	[about 2 hours]
How to plan a lifting operation and write lifting method statement	[about 2 hours]
Case studies on the failure of lifting appliance and preventives	[about 2 hours]

教學對象 Target Audience

機電工程師、土木工程師，及須要管理起重運作的工程專業人士
M&E engineers, civil engineer and engineering professional who manages lifting activities.

授課語言 Medium of Instruction 以廣東話講授，筆記以英文為主
Delivered in Cantonese with notes mainly in English

報名地點 Venue 澳門新口岸宋玉生廣場 335-341 號獲多利中心 11 樓—澳門科技大學持續教育學院
Alameda Dr. Carlos D' Assumpção 335-341, Hotline Centre, 11/F, Macau

上課地點 Venue 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）
Avenida Wai Long, Taipa, Macau

上課日期 Course Date & Time

課程編號 Course code : 1707230231-0	2018 年 3 月 10、11 日	週六 Sat & 週日 Sun 10:00-13:00&14:00-17:00	總課時 12 小時 Total 12 hours
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課程費用 Tuition Fee MOP 2,400 **收生名額 Class Size** 40 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://coes-stud.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://coes-stud.scs.must.edu.mo/oasc/PersonalInfo.do> or scan the QR Code below, choose the category of **<工程學和工程行業>**, 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 1807 / 8796 1805 Email: scs@must.edu.mo

Website: <http://www.must.edu.mo/scs-tw/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，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) 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.