



第四級 高級證書
Level 4 Higher Certificate

第五級 高級文憑
Level 5 Higher Diploma

專業方向

- | | |
|----------------------------------|---------|
| ● Civil Engineering | 土木工程 |
| ● Building Services Engineering | 屋宇設備工程 |
| ● Quantity Surveying | 工料測量 |
| ● Property & Facility Management | 物業與設施管理 |

課程內容

- 每級課程設有 8 個專業科目。
- **第四級高級證書**，參考英國國家資歷架構(UK-QCF)第 4 級的學術水平而編制。
- **第五級高級文憑**，參考 UK-QCF 第 5 級的學術水平而編制，完成第五級高級文憑者，可以繼續晉升第六級高級專業文憑，考取『英國特許屋宇工程師』或『英國特許環境師』．．．等等國際專業認證。

專業認可

畢業生可以申請成為【英國特許屋宇工程師協會】Chartered Association of Building Engineers (CABE) 副會員 (Associate Member)。

學員可以在進修期內，免費參加 CABE 成為學生會員 Student Member。

報讀資格

持有澳門科技大學持續教育學院的第三級工程文憑，或高考合格，或具中 6/7 或以上資歷。曾修讀相關科目者可以申請科目豁免，上限為半數科目。

費用

學費：分四期繳交，每期為 MOP 7,200。 註：學費以本學院最新公佈為準。

科目豁免費：申請費，每科 MOP 300。

課堂安排

每科的學習值為 60 小時，包括導修上課 24 小時（含 3 小時的考試），網上學習 6 小時和自修 30 小時。學員可以申請以『遠程學習模式』(Distance Learning Mode) 不參加導修課。

導師

導師團隊由大學導師、教授及專業人士組成，學術和行業知識兼備。

授課語言

廣東話授課，教材以英文為主，輔以中文要點。學員可以選擇中文或英文作答，打破語文界限，適合不同人士的需要。

上課地點

澳門新口岸宋玉生廣場 335-341 號獲多利中心 10 樓 -- 澳門科技大學持續教育學院

課程結構

Units 科目			Hours 課時	Streams 方向				Assessment 評核	
				Civil Engineering 土木工程	Building Services Engineering 屋宇設備工程	Quantity Surveying 工料測量	Property & Facilities Management 物業與設施管理	Assignment 覆作	Exam 考試
Level 4 Higher Certificate 第四級 高級證書 (6 Core + 2 Elective, Total 8 Units) (6 科主修+2 科選修，共 8 科)									
1.	CN02-4	Construction Science & Material	24	CORE	CORE	CORE	elective	50%	50%
2.	CN03-4	Engineering Mathematics	24	CORE	CORE	CORE	elective	50%	50%
3.	CN09-4	Construction Law & Contract	24	CORE	CORE	CORE	CORE	50%	50%
4.	CN10-4	Building Services Design, Installation & Maintenance	24	elective	CORE	elective	CORE	50%	50%
5.	FM01-4	Facilities Management Principles	24	elective	CORE	elective	CORE	50%	50%
6.	FM10-4	Utility Services and Energy Efficiency	24	elective	CORE	elective	CORE	50%	50%
7.	CN07-4	Building Construction & Maintenance	24	CORE	elective	CORE	CORE	50%	50%
8.	CN33-4	Construction Technology	24	CORE	elective	CORE	elective	50%	50%
9.	CN27-4	Engineering Surveying	24	CORE	elective	elective	elective	100%	---
10.	CN16-4	Measurement, Tendering & Estimation	24	elective	elective	CORE	elective	100%	---
11.	PM01-4	Property Management Principles	24	elective	elective	elective	CORE	100%	---
Level 5 Higher Diploma 第五級 高級文憑 (Total 8 Units) (共 8 科)									
12.	CN11-5	Construction Contractual Procedures	24	CORE	CORE	CORE	elective	100%	---
13.	CN17-5	Project Management in Construction	24	CORE	CORE	CORE	CORE	100%	---
14.	CN21-5	Specification & Contract Documents	24	CORE	CORE	CORE	elective	100%	---
15.	CN05-5	Integrated Group Project	24	CORE	CORE	CORE	CORE	100%	---
16.	CN38-5	Hydraulic Principles	24	CORE	CORE	---	elective	50%	50%
17.	CN41-5	Air Conditioning	24	---	CORE	---	elective	50%	50%
18.	CN50-5	Electrical Installation	24	---	CORE	---	elective	50%	50%
19.	CN81-5	Fire Engineering	24	---	CORE	---	elective	50%	50%
20.	CN32-5	Geology & Soil Mechanics	24	CORE	---	---	---	50%	50%
21.	CN34-5	Structural Analysis	24	CORE	---	---	---	50%	50%
22.	CN37-5	Civil Engineering Technology	24	CORE	---	---	---	50%	50%
23.	CN23-5	Advance Measurement	24	---	---	CORE	---	100%	---
24.	QS11-5	Quantity Surveying Project Practice I	24	---	---	CORE	---	100%	---
25.	QS12-5	Quantity Surveying Project Practice II	24	---	---	CORE	---	100%	---
26.	QS13-5	Quantity Surveying Project Practice III	24	---	---	CORE	---	100%	---
27.	FM01-5	Advanced Facilities Management	24	---	---	---	CORE	100%	---
28.	PM01-5	Advanced Property Management	24	---	---	---	CORE	100%	---

上課日期&課程結構(* 暫定的時間表，學院將會按照實際情況而作出修改。)

Level 4 Higher Certificate 第四級 高級證書 (6 Core + 2 Electives) (6 科主修+2 科選修)		Civil Engineering	Building Services Engineering	Quantity Surveying	Property & Facilities Management	Assignment	Exam	Class / Exam	Day & Time
CN02-4	Construction Science & Material	Core	Core	Core	Elective	50%	50%	Start: 2016 Mar 2 (7 classes) Exam: 2016 May 11	Wed (19:00-22:00)
CN09-4	Construction Law & Contract	Core	Core	Core	Core	50%	50%	2016 Mar 6, 20, Apr 10 Exam: 2016 May 4	Sun (10:00-18:00)
CN03-4	Engineering Mathematics	Core	Core	Core	Elective	50%	50%	Start: 2016 Jun 1 (7 classes) Exam: 2016 Aug 10	Wed (19:00-22:00)
FM01-4	Facilities Management Principles	Elective	Core	Elective	Core	50%	50%	2016 Jun 5, 19, Jul 3 Exam: 2016 Aug 3	Sun (10:00-18:00)
CN07-4	Building Construction & Maintenance	Core	Elective	Core	Core	50%	50%	2016 Jun 12, 26, Jul 10 Exam: 2016 Aug 17	Sun (10:00-18:00)
CN10-4	Building Services Design, Installation & Maintenance	Elective	Core	Elective	Core	50%	50%	Start: 2016 Sep 7 (7 classes) Exam: 2016 Nov 9	Wed (19:00-22:00)
CN27-4	Engineering Surveying	Core	Elective	Elective	Elective	100%	---	2016 Sep 4, 18, Oct 16	Sun (10:00-19:00)
CN33-4	Construction Technology	Core	Elective	Core	Elective	50%	50%	2016 Sep 11, 25, Oct 23 Exam: 2016 Nov 16	Sun (10:00-18:00)
FM10-4	Utility Services and Energy Efficiency	Elective	Core	Elective	Core	50%	50%	To be confirmed	TBC
CN16-4	Measurement, Tendering & Estimation	Elective	Elective	Core	Elective	100%	---	To be confirmed	TBC
PM01-4	Property Management Principles	Elective	Elective	Elective	Core	100%	---	To be confirmed	TBC

報名程序

1. 上網預先登記個人資料 <https://coes-stud.scs.must.edu.mo/oasc/PersonalInfo.do>
2. 親臨本院提交資料(包括身份證明文件副本一份、相片一張及學費)，若閣下未能親臨本院，可將以下資料郵寄本院以完成報名手續：

澳門宋玉生廣場 335-341 號獲多利中心 10 樓
澳門科技大學持續教育學院
梁耀恒先生收
電話: (+853) 8796 1807

3. 學費若以支票或本票繳費，抬頭請寫上“澳門科技大學持續教育學院”。澳門或香港支票均接受，若以港幣支付，匯率(HKD:MOP)將以 1:1 計算。

***若以支票或本票繳費，抬頭請寫上：澳門科技大學持續教育學院。If tuition fee is to be paid by cheque, please make payable to SCHOOL OF CONTINUING STUDIES MACAU UNIV. OF SCIENCE AND TECHNOLOGY.
 所有費用一經繳交，恕不退還或轉讓（本院取消開辦該課程除外）。因此，報讀者於報名前，請考慮清楚上課時間及視乎個人具體情況而決定報讀與否。



查詢電話：8796 1807 /8796 1999 電郵：scs@must.edu.mo

網頁：<http://www.must.edu.mo/scs-tw/course/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”。

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。