



澳門科技大學

MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY

持續教育學院

School of Continuing Studies



社會資源拓展學院
Social Resources Development Institute

行業技術支援機構

高級證書 / 高級文憑 Higher Certificate / Higher Diploma

2018 年 6 月開課

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。
- 『高級證書』課程，參考英國國家資歷架構第四級的學術水平而編制。
- 『高級文憑』課程，參考英國國家資歷架構第五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：每級分四期繳交，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。

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。

報名地點 澳門氹仔偉龍馬路澳門科技大學 O 座二樓持續教育學院

上課地點 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)

課程結構

Units 科目			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	Online Quiz 小測	Assignment 習作	Exam 考試
Higher Certificate 高級證書 (Total 8 Units @ Stream) (每個修讀方向共 8 個科目)									
1.	MCE01-4	Construction Materials Science	CORE	CORE	CORE	-	30%	30%	40%
2.	MCE02-4	Engineering Mathematics	CORE	CORE	elective	-	30%	30%	40%
3.	MCE03-4	Environmental Engineering	CORE	CORE	elective	elective	30%	30%	40%
4.	MCE04-4	Engineering Surveying	CORE	-	-	-	30%	30%	40%
5.	MCE05-4	Geotechnical Engineering Principles	CORE	-	-	-	30%	30%	40%
6.	MCE06-4	Structural Mechanics	CORE	-	-	-	30%	30%	40%
7.	MCE07-4	Construction Technology	CORE	CORE	CORE	elective	30%	30%	40%
8.	MBS01-4	Building Services Design Principles	-	CORE	-	elective	30%	30%	40%
9.	MBS02-4	Building Services Installation	-	CORE	elective	CORE	30%	30%	40%
10.	MQS01-4	Construction Law	elective	elective	CORE	elective	30%	30%	40%
11.	MQS02-4	Contractual Procedures	elective	elective	CORE	CORE	-	100%	-
12.	MQS03-4	Measurement	elective	elective	CORE	elective	-	100%	-
13.	MQS04-4	Tendering and Estimation	elective	elective	CORE	CORE	30%	30%	40%
14.	MPF01-4	Building Maintenance	elective	elective	elective	CORE	30%	30%	40%
15.	MPF02-4	Facility Management Principles	-	elective	-	CORE	30%	30%	40%
16.	MPF03-4	Property Management Principles	-	-	-	CORE	30%	30%	40%
Higher Diploma 高級文憑 (Total 8 Units@ Stream) (每個修讀方向共 8 個科目)									
1.	MCE01-5	Integrated Group Project	CORE	CORE	CORE	CORE	-	100%	-
2.	MCE02-5	Fluid Mechanics and Hydraulics	CORE	CORE	-	-	30%	30%	40%
3.	MCE03-5	Geotechnical Analysis and Design	CORE	-	-	-	30%	30%	40%
4.	MCE04-5	Structural Design	CORE	-	-	-	30%	30%	40%
5.	MCE05-5	Civil Engineering Technology	CORE	-	-	-	30%	30%	40%
6.	MCE06-5	Advanced Engineering Mathematics	CORE	CORE	-	-	30%	30%	40%
7.	MCE07-5	Safety and Health	CORE	CORE	CORE	CORE	30%	30%	40%
8.	MCE08-5	Highway Engineering	elective	-	-	-	30%	30%	40%
9.	MCE09-5	Temporary Works Design and Supervision	elective	-	-	-	30%	30%	40%
10.	MCE10-5	Advanced Building Materials	elective	-	-	-	30%	30%	40%
11.	MBS01-5	Heat, ventilation and air conditioning Engineering	-	CORE	-	elective	30%	30%	40%
12.	MBS02-5	Fire Services Engineering	-	CORE	-	elective	30%	30%	40%
13.	MBS03-5	Electrical Engineering	-	CORE	-	elective	30%	30%	40%
14.	MBS04-5	Plumbing and Drainage System	-	CORE	-	elective	30%	30%	40%
15.	MQS01-5	Advance Measurement	-	-	CORE	-	-	100%	-
16.	MQS02-5	Contract Specification and Documents	-	-	CORE	CORE	30%	30%	40%
17.	MQS03-5	Quantity Surveying Project Practice (Building Works)	-	-	CORE	-	-	100%	-
18.	MQS04-5	Quantity Surveying Project Practice (Civil Engineering Works)	-	-	CORE	-	-	100%	-
19.	MQS05-5	Quantity Surveying Project Practice (E&M Works)	-	-	CORE	-	-	100%	-

20.	MPF01-5	Advanced Facility Management	-	-	-	CORE	30%	30%	40%
21.	MPF02-5	Advanced Property Management	-	-	-	CORE	30%	30%	40%
22.	MPF03-5	Accounting Principles	-	-	CORE	CORE	30%	30%	40%

上課日期 (註：此為暫定時間表，學院將會按照實際情況而作出修改。)

Higher Certificate 高級證書 (Total 8 Units @ Stream) (每個修讀方向共 8 個科目)		Civil Engineering	Building Services Engineering	Quantity Surveying	Property & Facilities Management	Hours	Schedule for Class / Exam	Class Day & Time
MCE01-4	Construction Materials Science	CORE	CORE	CORE	-	24	10, 17 & 24 Jun 2018 Exam Date: 25 Jul 2018 (7-10pm)	Sun 10:00-18:00
MCE03-4	Environmental Engineering	CORE	CORE	elective	elective	24	22 Jul, 5 & 26 Aug 2018 Exam Date: 5 Sep 2018 (7-10pm)	Sun 10:00-18:00
MCE02-4	Engineering Mathematics	CORE	CORE	elective	-	24	7 Sep ~ 19 Oct 2018 Exam Date: 21 Nov 2018 (7-10pm)	Fri 19:00-22:00
MCE07-4	Construction Technology	CORE	CORE	CORE	elective	24	14, 21 & 28 Oct 2018 Exam Date: 14 Nov 2018 (7-10pm)	Sun 10:00-18:00
MBS01-4	Building Services Design Principles	-	CORE	-	elective	24	7, 14, 19 Dec 2018, 2, 9, 16 & 23 Jan 2019 Exam Date: 20 Feb 2019 (7-10pm)	Wed/Fri 19:00-22:00
MPF01-4	Building Maintenance	elective	elective	elective	CORE		2, 9 & 16 Dec 2018 Exam Date: 30 Jan 2019 (7-10pm)	Sun 10:00-18:00
MBS02-4	Building Services Installation	-	CORE	elective	CORE	24	6 Mar ~ 17 Apr 2019 Exam Date: 8 May 2019 (7-10pm)	Wed 19:00-22:00
MPF02-4	Facility Management Principles	-	elective	-	CORE		3, 17 & 31 Mar 2019 Exam Date: 24 Apr 2019 (7-10pm)	Sun 10:00-18:00
Higher Diploma 高級文憑 (Total 8 Units @ Stream) (每個修讀方向共 8 個科目)		Civil Engineering	Building Services Engineering	Quantity Surveying	Property & Facilities Management	Hours	Schedule for Class / Exam	Class Day & Time
MCE06-5	Advanced Engineering Mathematics	CORE	CORE	-	-	24	8 Jun ~ 20 Jul 2018 Exam Date: 8 Aug 2018 (7-10pm)	Fri 19:00-22:00
MCE03-4	Environmental Engineering	CORE	CORE	elective	elective	24	22 Jul, 5 & 26 Aug 2018 Exam Date: 5 Sep 2018 (7-10pm)	Sun 10:00-18:00
MBS03-5	Electrical Engineering	-	CORE	-	elective	24	7 Sep ~ 19 Oct 2018 Exam Date: 21 Nov 2018 (7-10pm)	Fri 19:00-22:00
MCE02-5	Fluid Mechanics and Hydraulics	CORE	CORE	-	-	24	16, 30 Sep & 14 Oct 2018 Exam Date: 14 Nov 2018 (7-10pm)	Sun 10:00-18:00
MCE01-5	Integrated Group Project	CORE	CORE	CORE	CORE	24	2, 16 & 30 Dec 2018	Sun 10:00-18:00
MBS01-5	Heat, ventilation and air conditioning Engineering	-	CORE	-	elective	24	6, 20 Jan & 3 Feb 2019 Exam Date: 20 Feb 2019 (7-10pm)	Sun 10:00-18:00
MBS02-5	Fire Services Engineering	-	CORE	-	elective	24	3, 17 & 31 Mar 2019 Exam Date: 24 Apr 2019 (7-10pm)	Sun 10:00-18:00
MBS04-5	Plumbing and Drainage System	-	CORE	-	elective	24	14, 28 Apr & 12 May 2019 Exam Date: 29 May 2019 (7-10pm)	Sun 10:00-18:00

報名程序

1. 電郵個人最高學歷證明副本至 scs@must.edu.mo，並注明所申請之修讀方向，以確認是否符合報讀條件。
2. 上網預先登記個人資料 <https://scs.must.edu.mo/oasc/PersonalInfo.do>（或掃描以下二維碼）
3. 親臨本院提交報讀資料(包括身份證明文件副本一份、最高學歷證明副本及成績單、相片一張及學費)，若閣下未能親臨本院，可將以上資料郵寄至本院。
4. 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 1998 電郵：scs@must.edu.mo
網頁：<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，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。