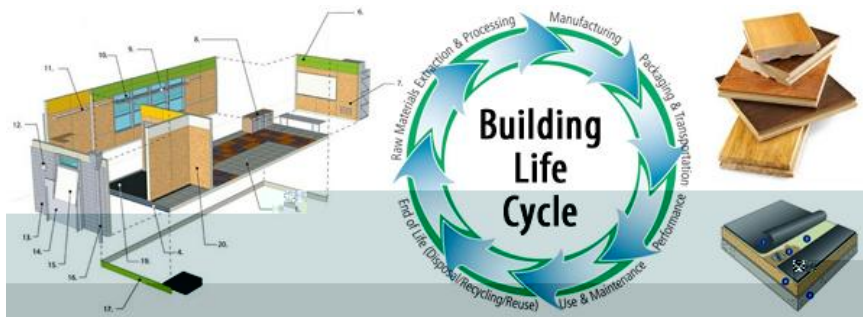




Life Cycle Energy Assessment (LCEA) of Building Construction Course

1r 1ar 1

The main purpose of this course is to provide the participants with the fundamental principles, skills and guidelines needed to carry out effective LCA (Life Cycle Assessment) in accordance with the ISO 14040. After taking the course, the participants would appreciate the approach to identify LCA in construction including LCA analysis of construction materials, entire buildings, components and construction stages; identify LCC (Life Cycle Cost) and LCA of building materials and perform quantitative analysis to predict the energy savings, environmental and economic benefits. Moreover, the participants should be able to measure and verify the LCIA Environmental Impact Assessment and the performance of implemented Environmental Modeling of Construction (EMoC).



1r r i

Introduction to the Economic Analysis and Environmental Impact Assessment (EIA)

Discussion of common economic analysis methods used to determine the cost effectiveness of building materials. (P.1s 96.384 328.73 Tm[iscussi]S 3247411 0 0 1 103.5s1 (ve)-5(s1 EMC .1/Lang (er

d r a

Builders and Construction industry professionals

Medium of Instruction



Delivered in Cantonese with notes mainly in English

Venue for Enrollment



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

Venue for Class



Macau University of Science and Technology, Avenida Wai Long, Taipa, Macau

Course Date & Time

Course code 1807321054-0	2 Mar ~ 23 Mar 2019	Sat 10:00-13:00 14:00-18:00	28 Total 28 hours
-----------------------------	---------------------	-----------------------------------	----------------------

Tuition Fee MOP 5,500

Class Size 16

* Enrollment Notes *



(9:00 - 20:00)



(9:00 - 13:00) []

1. <https://scs.must.edu.mo/oasc/PersonalInfo.do>

QR Code



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.

2. / / 5,000

Tuition fee and materials fee (if any) should be paid by cash or by cheque/Cashier Order (Please make payable to **L**). **Cash is accepted for payment of not more than MOP5,000.**

3. All payment made is not refundable (except that the course is cancelled by the School) or transferable.



4. The School reserves the right to cancel or postpone the courses if minimum class size is not reached.

Enquiries

Tel: 8796 1998 Email: scs@must.edu.mo

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



scs@must.edu.mo



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)

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.