

# Independent Commissioning Specialist (iCxS) Competency Course # 1

The MASHRAE iCxS Competency Course is a 3-day training course that covers all aspects of commissioning related to green buildings and industrial processes.

The course is open to all. Those desiring to become Competent iCommissioning Specialists must complete the 3-day course and pass the MASHRAE iCxS Examination.

## COURSE DATES

6 August 2022 (Saturday)  
7 August 2022 (Sunday)  
8 August 2022 (Monday)

## EXAM DATE

27 August 2022 (Saturday)  
28 August 2022 (Sunday)

## VENUE

MASHRAE Secretariat  
Unit 518 Block A, Kelana Business  
Centre, No. 97, Jalan SS7/2, 47301  
Petaling Jaya, Selangor Darul Ehsan.

Waze @ ASHRAE Malaysia Chapter

## COURSE FEE

RM1200 (iCxS Course with exam)  
RM1000 (iCxS Course without exam)

## COURSE PROGRAM

TIME	6 AUGUST (SAT)	7 AUGUST (SUN)	8 AUGUST (MON)
8:45am – 9:00am	Registration		
9:00am – 9:45am	Introduction to Commissioning Standards & Practice	iCxS inputs for related Green Building Rating (GBI/MyCREST) criteria & credits - Part 3	Demonstration of commonly used instruments by iCxS in performance verification and quality-based sampling.
9:45am – 10:30am	Role & Responsibility of iCxS		
10:30am – 10:45am	Tea Break		
10:45am – 1:00pm	iCxS deliverables for DA & CVA	iCxS inputs – Part 4	Hands-on experience with instruments such as mobile data logger, digital power meters, etc.
1:00pm – 2:00pm	Lunch Break		
2:00pm – 4:00pm	iCxS inputs for related Green Building Rating (GBI/MyCREST) criteria & credits- Part 1	iCxS inputs- Part 5	MCQ Examination (70 Questions- open book)
4:00pm – 4:15pm	Tea Break		
4:15pm – 4:45pm	iCxS inputs- Part 2	Additional iCxS deliverables for: Façade Commissioning, SRI measurement, Innovations, etc.	Q&A on Project Assignment
4:45pm – 5:30pm		Exam Briefing & Project Assignment- Commissioning Report	End of Day 3
5:30pm – 6:00pm			
6:00pm	End of Day 1	End of Day 2	

- The project assignment must be submitted before noon Thursday, 25 August 2022.
- The 1-hour project presentation will be held on 27 August 2022 or 28 August 2022.
- The course program is subject to change without further notice.

## PRE-REQUISITES

For participants who intend to become Competent MASHRAE i-Commissioning Specialists, there are a number of pre-requisites. You must:

1. Attend at least 75% of the iCxS Competency course, **AND**
2. Pass the iCxS Examination.

You must also possess one of the following qualifications:

1. Is a technical personnel with at least 10 years relevant experience in design office and field commissioning works, and has obtained certification from other MASHRAE recognised training programmes such as TABB certified supervisor, ASHRAE, NEBB, ACG, BCxA and CSA; **OR**
2. Is an engineer registered with BEM or a registered architect with LAM, with more than 5 years of testing and commissioning experience in building services, **OR**
3. Is a competent electrical engineer or supervising engineer registered with Suruhanjaya Tenaga.

## EXAMINATION

The examination comprises a 2-hour multiple choice question paper and an individual project assignment & presentation.

Only participants who intend to become Competent MASHRAE iCxS are required to sit for the examination.

Upon passing the examination, you may then apply to be registered as a Competent MASHRAE iCxS. (Existing registered GBI CxS may apply to register as MASHRAE iCxS on a case-to-case basis without the need to attend and pass the MASHRAE iCxS examination).

# REGISTRATION FORM

## MASHRAE iCxS Competency Course



COURSE	DATE	FEE
<input type="checkbox"/> iCxS Course without Examination	<b>Course Dates</b> 6 Aug 2022 (Saturday) 7 Aug 2022 (Sunday) 8 Aug 2022 (Monday)	RM1000
<input type="checkbox"/> iCxS Course with Examination	<b>Exam Date</b> 27 Aug 2022 (Saturday) 28 Aug 2022 (Sunday)	RM1200

\*Course fees include training notes and exam fees.

\*Lunch and Tea breaks are provided

## Applicant Details

TITLE AR / IR / SR / MR /  
MS / OTHER

IC NO.

FULL NAME (Please  
Underline Surname)

COMPANY NAME

CONTACT PERSON

COMPANY ADDRESS

POSTCODE

TOWN/CITY

STATE

TEL NO.

FAX NO.

HP NO.

EMAIL

## Please answer the following questions:

I am attending the Competent iCxS Course (Select one only)  To become a Competent i-Commissioning Specialist  For knowledge

I am sitting for the Competent iCxS Course Examination  Yes  No

My position: Architect / Civil Engineer / Mechanical Engineer / Electrical Engineer / Surveyor / Other (Please State):

## CLOSING DATE FOR REGISTRATION: 25 July 2022 @ 5.00PM

Payment Method: Online Banking / Cheque (Upon approval of application)  Kindly submit your registration form to <a href="mailto:mashrae.my@gmail.com">mashrae.my@gmail.com</a> OR contact Cik Nur +6011-1574 4931 for more information.	<ul style="list-style-type: none"><li>Registration is on first - come - first - served basis as place is limited.</li><li>Registration will be confirmed upon payment of course fees.</li><li>Any cancellation of registration after the closing date is not refundable.</li></ul>
---	--