建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

香港建造學院 HONG KONG INSTITUTE OF CONSTRUCTION

RMMM
CIC Master Class on MiMEP for RMAA
建造業議會大師級培訓課程:機電裝備合成法於裝飾及維修工程之應用

This programme aims to equip the facilities management (FM) and repair, maintenance, alteration and addition (RMAA) industry stakeholders with relevant knowledge and skills on MiMEP implementations.

Lecturer 講師	Professionals 專業人士
Medium of Instruction 授課語言	Cantonese (Supplemented with English) 以粵語為主，以英語輔助
Mode of Attendance 授課形式	Part-time day course 日間部份時間制
Duration 授課期	3 hours x 5 sessions 3 小時 x 5 堂
Award of Certificate 證書頒發	Students must meet the following requirements in order to be considered having successfully completed the programme and receive the Completion Certificate: • Achieve an 85% attendance rate and • Pass the Final Assessment with a score of 60% or above
Venue 上課地點	HKIC, Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon 九龍 九龍灣大業街 44 號 香港建造學院 九龍灣院校
Admission Requirements 入學條件	• Proficient in communication in both Cantonese and English • Capable of reading English • Capable of writing English • Being a member of professional institution in an architectural, surveying, engineering, construction management, or construction-related discipline at member level; OR Holder of a bachelor's degree in an architectural, engineering or construction-related discipline from a recognized post-secondary education institution with at least 3 years of working experience in the construction industry
Course Fee 課程費用	$4,930.00
Enquiry 查詢課程	2100 9000 / 3199 7217 / 2100 9809
Application Method 報名方法	Please apply online on SPDC portal 請透過建造專業進修院校的 網上報名系統 報名

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Course Content 課程內容
1. MiMEP Policy and Strategy Roadmap • Introduction to Modular Integrated Mechanical, Electrical, and Plumbing (MiMEP) • MiMEP-related policy & supply chain establishment for Hong Kong
2. MiMEP Overview and Key to Success • Benefits and best practices of adopting MiMEP • Overview of the key project stages • Common mistakes, challenges, and how to overcome them • Key to success
3. Successful Project showcase on MiMEP for RMAA • Tai Lung • Nina Tower • A recent chiller plant replacement project • 20-stories building renovation • AHU replacement in existing building
4. Mime adoption on RMAA projects • Planning • Design • Fabrication • Transportation and logistics, taxation, custom clearance • Installation, construction, alignment methods, testing & commissioning • Maintenance and whole-life-cycle management
5. Application of digital technologies to facilitate MiMEP on RMAA e • Scan to BIM with practical skills introduction of handheld 360 cameras, 3D laser scanning, and point cloud model • BIM, PIM, AIM. Integrating MiMEP, OpenBIM and BIM-AM for RMAA projects. • Integration with existing FM systems. Energy efficiency and management. • Other smart technologies
6. Site / Factory visit • Visit to REC factory • Visit to Trade Test centre
7. Integrated Group Project • (1) Presentation session: Participants are divided into four project teams, each consisting of 6-7 members, to deliver 30-minute group presentation-discussion sessions on their studies of MiMEP & RMAA projects in Hong Kong during this programme. • (2) Assessment & Feedback • (3) Course Reflection Assembly of module frames