

MICL

CIC Master Class on MiC Logistics and Transportation Management

建造業議會大師級培訓課程：組裝合成建築 - 物流運輸管理

This MiC course aims to build industry capacity for supporting the development and adoption of MiC in the Hong Kong construction industry by equipping participants with sufficient knowledge and experience in logistics and transportation management on MiC. It provides the participants with the opportunity to understand the considerations in planning and operating the logistics and transportation of MiC projects and develop practical competence in problem solving on different transportation scenarios of MiC projects.

Upon successful completion of the programme, students will be able to:

1. Describe the overall logistics and transportation process and details of MiC from manufacture in factory to installation on site;
2. Evaluate different logistics and transportation options in terms of time, cost, quality, safety, compliance with legislations/regulations in MiC project;
3. Develop problem-solving capabilities and propose innovative solutions for a realistic transportation management of MiC projects; and
4. Promote changes in practice towards integrated and technology-enabled MiC project delivery by optimizing the logistics and transportation process of MiC projects and hence improve construction project performance in the Hong Kong industry.

Lecturer 講師	Professionals 專業人士
Medium of Instruction 授課語言	Cantonese supplemented with English terminology 廣東話輔以英文技術用語
Study Mode 課程制式	Part-time day course 日間部份時間制
Duration 授課期	9 hours 9 小時
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	1. Holder of a Bachelor degree in an architectural, engineering or construction-related discipline; OR 2. Holder of an appropriate membership of a relevant professional institution; OR 3. Should be (i) involved / to be involved in MiC related projects, (ii) with at least 5 years work experience in construction industry, and (iii) nominated by the employer.
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: (i) Achieve 100% attendance rate; and (ii) Completion of Project and passed the assessments (i.e. 50 marks or above).
Course Fee 課程費用	\$3840
Enquiry 查詢課程	21009000 / 31997211
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	
Part I: Logistics	
1. Route planning and Transportation consideration	
1.1. Introduction to the MiC logistics procedures from factory to site	
1.2. Importance of route planning in MiC projects	
1.3. Consideration between land transport and marine transport	
1.4. Transition process and preparation works at port / border	
2. Procurement, Liaison and Taxation for MiC logistics	
2.1. Introduction to the procurement process for MiC logistics	
2.2. Consideration on different procurement and taxation options	
2.3. Taxation and custom duty on imported materials used in MiC units	
2.4. Liaison with related government departments, factories, and logistics companies	
Part II: Transportation	
3. Statutory requirements on transportation of MiC and Transportation arrangement	
3.1. Statutory requirement on transportation of MiC	
3.2. Permits and licenses for oversized MiC	
3.3. Transport consideration in local route planning	
3.4. Design consideration to facilitate smooth transportation	
4. Preparation and protection works, Storage and site arrangement for just-in-time delivery	Introduction to the procurement process for MiC logistics
4.1. Site storage and temporary storage site arrangement	
4.2. Consideration between tower crane capacity and size of MiC unit	
4.3. Site arrangement consideration to facilitate just-in-time delivery	
4.4. Safety consideration for just-in-time delivery	
Part III: Integration	
5. Smart logistics management system for MiC	
5.1. IoT applications in MiC logistics	
5.2. Optimizing route with smart logistics management system	
5.3. Monitoring on transportation status of MiC unit with smart logistics management system	
5.4. Case studies of successful implementation of smart logistics management system	
6. Integrated smooth logistics and Transportation planning (Group project)	
6.1. A series of 4 half-hour sessions for group project presentation-discussion	
6.2. Participants will form four separate Study Teams (6-7 members in each group) to conduct their own study on the logistics and transportation arrangement for 4 real-life MiC projects in Hong Kong	