

Specialist Certificate in Design for Manufacturing and Assembly (DfMA)

Design for Manufacturing and Assembly (DfMA) is the design process that focuses on the ease of off-site manufacturing and efficiency of on-site assembly. This Specialist Certificate programme is tailor-made for Hong Kong construction practitioners and co-organized by **School of Professional Development in Construction (SPDC)** of the Hong Kong Institute of Construction (HKIC) and the **Building and Construction Authority (BCA) Academy in Singapore**, which aims to equip professionals in the construction industry with essential knowledge and technical skills to apply DfMA principles in construction projects in order to achieve higher construction productivity in Hong Kong. It is a 9-day full-time intensive training course, which **will be delivered in the BCA Academy campus in Singapore**. It draws on the best practices from industry practitioners and leading research from academics. Through various lectures, case studies, site visits and integrated group projects, participants will learn how to apply lean thinking principles and digital delivery in a real world context to streamline work processes and collaborate with other stakeholders in construction projects.

Commencing Date	2 (Thursday) to 11 (Saturday) January, 2020
Medium of Instruction	English
Venue	BCA Academy, 200 Braddell Road Singapore 579700
Admission Requirements	The applicant shall meet the following admission requirements: (1) Construction management professionals/practitioners in the field of construction with background as engineer, surveyor, project manager, consultant and clerk of works etc.; and (2) At least 5 years of relevant working experiences in the construction industry or related fields. Note: Applicants with relevant working experience but do not fulfil the above requirements will be considered on a case-by-case basis.
Class Size	20
Course Fee	SGD5,040 Note: Application for CITF support (approximately 50% of the course fee) is in progress
Enquiry	3199 7326

Course Structure:

Date		Main Contents / Topics	
		Morning Session	Afternoon Session
02 Jan 20	Thursday	Introduction to DfMA 1. Introduction to DfMA 2. Supporting Policies, Regulations & Accreditation	Introduction to DfMA 3. Changes in Traditional Construction Workflow
03 Jan 20	Friday	Principles of Lean Construction in DfMA 1. Lean Thinking & Principles	Principles of Lean Construction in DfMA 2. Application of Lean principles in fabrication and project management
04 Jan 20	Saturday	Adoption of DfMA Technologies 1. Site Layout Planning, Logistics/Transportation of PPVC & PPVC Construction Sequence with Case Study 2. Safety Considerations in ICPH/Precast & Fit out Yard with Case Study	
06 Jan 20	Monday	Integration of Prefabricated Components/Systems 1. Structural Connections	Visit 1
07 Jan 20	Tuesday	Integration of Prefabricated Components/Systems 2. MEP services integration	Visit 2
08 Jan 20	Wednesday	Integrated Digital Delivery (IDD) & DfMA 1. IDD in Construction	
09 Jan 20	Thursday	Integrated Digital Delivery (IDD) & DfMA 2. BIM in DfMA	Visit 3
10 Jan 20	Friday	Integrated Digital Delivery (IDD) & DfMA 3. BIM in DfMA	Visit 4
11 Jan 20	Saturday	PPVC Lifting and Safety	Group Project

Application for Admission to 報讀課程名稱： Specialist Certificate in Design for Manufacturing and Assembly (DfMA)	Enquiry 查詢 3199 7326	Fax 傳真 2100 9575
Admission Requirements 報讀資格: The applicant shall meet the following admission requirements: (1) Construction management professionals/practitioners in the field of construction with background as engineer, surveyor, project manager, consultant and clerk of works etc.; and (2) At least 5 years of relevant working experiences in the construction industry or related fields 申請人需符合以下報讀資格: (1) 現職建造業界的管理及專業人士，並曾任職工程師、測量師、項目經理、顧問或工程監督等職位；及 (2) 具備至少 5 年建造業或相關行業的工作經驗。		

Notes to Applicant 申請人注意：	1. Please read 《Declaration》 carefully before filling the form 填表前，請先細閱《收集個人資料聲明》。 2. Please fill in the form in single language (unless requested otherwise) 請以單一文字填寫(特別註明除外) 3. Personal Information should correspond with that on your HKID Card 個人資料必須與香港身份證相同。 4. Please mark ✓ in the appropriate box 請在適當的□內✓。 5. Applications in person should be submitted to Hong Kong Institute of Construction, Centre for Professional Development, 4/F., Kowloon Bay Campus, 44 Tai Yip Street, Kowloon or mail to 38/F, COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon, or fax to 2100 9575 申請表可親身交往：九龍灣大業街 44 號 九龍灣院校 4 樓 香港建造學院 專業發展中心 或郵寄往九龍觀塘駿業街 56 號中海日升中心 38 樓 或傳真至 2100 9575。 6. Each applicant only fill one application form, photocopy of this application form is acceptable. 每表格只供一人填寫，影印本亦會受理。 7. Applicant need not to pay the course fee when submitting the application form. HKIC will inform the successful applicant about the payment before the commencement of the course. (Paid course fee is not refundable) 申請人在遞交報名表時毋須繳付學費。本學院會於開課前聯絡獲取錄之申請人有關繳交學費事宜。(已繳交之學費，將不會獲退回)
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Personal Particulars 個人資料 (Please write in capital letters 請用正楷填寫)					
Name (Chinese) 姓名(中文): _____			Name (English) 姓名(英文): _____		
(As shown on HKID or Passport 按香港身份證或護照所示)					
Date of Birth 出生日期:	Y 年	M 月	D 日	Age 年齡:	Sex 性別:
Tel. No.(Day) 電話(日):			Mobile 手提電話:		
Mailing Address 通訊地址:			Email Address 電郵地址:		
Present Employer 現職公司 / 僱主名稱:			Position 職位:		

Education Level 教育程度					
<input type="checkbox"/> Primary 小學	<input type="checkbox"/> Secondary 中學	<input type="checkbox"/> Tech. Inst. 工業學院	<input type="checkbox"/> University / College 大學 / 專上學院	<input type="checkbox"/> Professional / Others 專業 / 其他	

College and Professional Qualifications 專上學歷及專業資格					
Year 年份 From 由	To 至	College / Professional Institution Name 書院 / 專業學會名稱	Course / Highest Education / Certificate / Qualification 課程 / 最高班級 / 所獲證書 / 資格		

At least 5 years or above working experience in the construction industry or related fields, with background as project manager, construction manager, consultant or construction professional preferred. (Must be filled)

Year 年份 From 由	To 至	Location of Work or Name of Employer 工作地點或僱主名稱	Position and Job Nature (Must be filled) 職位及工作性質 (必須填寫)

《 Personal Data Collection Statement 》 《 收集個人資料聲明 》 1. The information you provide to the Construction Industry Council or Hong Kong Institute of Construction ("the CIC or HKIC"), including any personal data as defined in the Personal Data (Privacy) Ordinance (the Ordinance), will be used solely for purposes related to the activities of the CIC or HKIC 你向建造業議會或香港建造學院 (「議會或學院」) 所提供的資料，包括《個人資料 (私隱) 條例》所指的個人資料，只會用於相關議會或學院之活動。 2. To keep you informed of CIC or HKIC activities and industry developments which may be of interest, the CIC or HKIC would like to use your personal data, including your name, phone number and correspondence and email addresses, to update you in relation to training courses, trade testing, registration, events and other aspects of its work and the construction industry. 為讓你得知最新的議會或學院活動和行業內發展情況，議會或學院將使用你的個人資料，包括你的姓名、電話號碼、郵寄和電郵地址，將有關訓練課程、測試、註冊、活動項目、議會或學院工作和建造業其他方面的最新資訊提供給你。 3. The CIC or HKIC will not transfer your personal data to any third parties without your prior consent. 在未經你的事先同意前，議會或學院不會將你的個人資料轉移給任何第三方。 4. It is obligatory for you to supply the CIC or HKIC with complete information. The CIC or HKIC may be unable to process and/or consider your application if you do not provide complete information. You are free to decide whether you wish to receive such information. If you choose not to do so, please put a "✓" in the box below. 你必須向議會或學院提供完整的資料。如你未能提供完整的資料，議會或學院或無法處理及/或考慮你的申請。你可選擇是否同意接收上述資訊。若不同意的話，請於下列有關拒收資訊一欄之空格內加上「✓」號。 5. You are also entitled to request access to and correction of any errors in your personal data. If you wish to do so please write to the CIC or HKIC at 38/F, COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong. 你有權要求查閱及修正你的個人資料。有關申請須以書面向議會或學院提出，地址為九龍觀塘駿業街 56 號中海日升中心 38 樓。 <input type="checkbox"/> I do not wish to receive any information from the CIC or HKIC in relation to its activities or developments in the construction industry. 本人不同意日後接收由建造業議會或香港建造學院發出有關議會或學院活動和與建造業相關的資訊。	Declaration 申請人聲明 1. I declare that all information given in this application form is, to the best of my knowledge, accurate and complete. If any false information is given, the application is deemed to be invalid and I shall forfeit my right to apply for this course. 本人聲明本報名表內所載一切資料，依本人所知均屬真確，並知道倘若虛報資料，申請即屬無效，且喪失其後報讀本課程的資格。 2. I consent that if registered, I will conform to the regulations of HKIC. 本人同意如本人註冊入學，當遵守香港建造學院之學生守則。 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Signature of Applicant 申請人簽署 _____ </div> <div style="width: 45%;"> Date 日期 _____ </div> </div> To be completed by the applicant for sending admittance notice. 此欄由申請人清楚填寫 Name 姓名: _____ Mailing Address 通訊地址: _____ _____ _____
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