

## DFSM

### CIC Master Class on Design for Safety (Management Personnel)

建造業議會大師級培訓課程：建築設計安全（管理人員）

This course is designed to provide learning experience from both overseas and Hong Kong and is linked to the development and adoption of DfS in the Hong Kong construction industry.

The course objectives are as follow:

- By the end of this course, participants will be able to recognise the benefits of good procurement, design by identifying hazards & significant risks and mitigating or a least treating these early.
- Understand the importance of collaborative working to help identify and manage risks.
- Establish whether the Client's existing information is sufficient and what steps are needed to ensure good Pre-Construction Information is gathered for tendering and sharing with the Contractor to help plan, manage monitor and coordinate during the construction phase.
- Understand how important it is to design and specify the right components, materials and products and ensure a design change control process followed will help assist cost and enable programme certainty.
- Realise by providing the right information to the right people through the project lifecycle stages will help prevent inefficiencies, together with accidents and incidents that would delay the project and increase unnecessary costs.
- Understand what key areas that Clients, Designers, Contractors and Maintenance Supervisor including the party taking up the functional role of coordinating (organizing and facilitating) DfS should carry out and provide to ensure site workers and help future maintenance teams work safely.

Lecturer 講師	Professionals 專業人士
Medium of Instruction 授課語言	English & Cantonese 英語 及 廣東話
Study Mode 課程制式	Part-time day course 日間部份時間制
Duration 授課期	4 hours x 5 sessions 4 小時 x 5 堂
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	<ul style="list-style-type: none"> <li>(i) hold a Bachelor's degree (or a qualification of equivalent standard) in construction and engineering related disciplines from a recognized institution; OR</li> <li>(ii) hold a membership of recognized professional institutions in the field of architecture, engineering and construction; AND</li> <li>(iii) have a minimum of 5 years relevant work experience in built environment.</li> </ul>
Award of Certificate 證書頒發	<p>Student fulfilled the following requirements will be awarded the Completion Certificate</p> <ul style="list-style-type: none"> <li>(i) Achieve 85% attendance rate (i.e. students are allowed to take leave of absence for a maximum of one session)</li> <li>(ii) Pass the Course Assessment (i.e. 70% or above)</li> </ul>
Course Fee 課程費用	\$5,000.00
Enquiry 查詢課程	2100 9000 / 3199 7217 / 2100 9809
Application Method 報名方法	Please apply online on <a href="#">SPDC portal</a> 請透過建造專業進修院校的 <a href="#">網上報名系統</a> 報名

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Course Content 課程內容	
1. DfS Introduction, Requirements, Roles and Responsibilities	<ul style="list-style-type: none"> <li>Design &amp; Construction Health &amp; Safety Lessons Learnt from Major Accidents/Incidents &amp; Statistics in HK also Singapore &amp; UK</li> <li>DfS Requirements in Context – Project Life Cycle Stages</li> <li>DfS Roles &amp; Responsibilities</li> <li>DfS Competence Skills, Knowledge and Experience</li> </ul>
2. Client Strategy Brief, Pre-Construction Information, Hazards and Risks	<ul style="list-style-type: none"> <li>Client Strategy Brief</li> <li>Pre-Construction Information (PCI)</li> <li>Identifying Hazards &amp; Risks &amp; Key Topics</li> <li>Benefits of Foresight – Case Study Film</li> <li>Review of today - Day One</li> </ul>
3. Principles of Prevention and Design Risk Management (DRM)	<ul style="list-style-type: none"> <li>DfS Principles of Prevention – ERIC - IERIC &amp; ALARP</li> <li>DfS Design Risk Management</li> </ul>
4. Case Studies, Syndicate Exercises, Digital Design & Engineering	<ul style="list-style-type: none"> <li>DfS Case Studies</li> <li>Syndicate Exercises</li> <li>Digital Design &amp; Engineering</li> </ul>
5. Course Summary and Course Assessment	<ul style="list-style-type: none"> <li>DfS Designers Course Assessment, Q&amp;A, Summary &amp; Closing</li> </ul>