

BCDD

**CIC Master Class on Common Data Environment (Project Managers)**

建造業議會大師級培訓課程：綜合數碼共用平台（項目經理）

This programme aims to provide practitioners (at management level) who wish to generate value from project data and leveraging digitisation to improve business processes through the use of integrated common data environment (CDE). °

Lecturer 講師	Professionals 專業人士
Medium of Instruction 授課語言	Cantonese and English 廣東話及英文
Study Mode 課程制式	Part-time day course 日間部份時間制
Duration 授課期	3 hours x 8 sessions 3小時 x 8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: <ul style="list-style-type: none"> <li>• Achieve 85% attendance rate (i.e. absence for a maximum of <b>3 hours</b> or 1 lesson)</li> <li>• Pass the Final Assessment (i.e.50 marks or above)</li> </ul>
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>• Holder of a Bachelor degree in an architectural, engineering or construction- related discipline; OR</li> <li>• Being a member of professional institution at an appropriate membership level; OR</li> <li>• Should be involved/to be involved in CDE related projects and with at least 5 years working experience in construction industry AND nominated by the employer.</li> </ul>
Course Fee 課程費用	\$8,000.00
Enquiry 查詢課程	21009000 / 21009809
Application Form 報名表格	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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<b>Course Content 課程內容</b>
<p><b>Integrated CDE fundamentals</b></p> <ul style="list-style-type: none"> <li>• Overview of CDE Framework &amp; Methodology</li> <li>• The new idea of Integrated CDE</li> <li>• How can we start using the CDE?</li> <li>• Key considerations for implementing integrated CDE</li> <li>• Managing project information with digital platform</li> <li>• Technology Leading to Design Quality</li> </ul>
<p><b>Strategic implementation of Integrated CDE</b></p> <ul style="list-style-type: none"> <li>• Digitalisation journey cases sharing</li> </ul>
<p><b>Integrated CDE for Digital Planning and Design implementation</b></p> <ul style="list-style-type: none"> <li>• Data Standardisation and smart data sharing development</li> <li>• City Information Modelling (CIM) and Integrated CDE for Smart Urban Planning</li> <li>• Use of 3D spatial data in Construction Industry</li> <li>• Data security</li> </ul>
<p><b>Integrated CDE for Digital implementation, and Site visit</b></p> <ul style="list-style-type: none"> <li>• Visit to selected Project- Central Kowloon Route <ul style="list-style-type: none"> <li>-Integrated Digital Works Supervision System (iDWSS)</li> <li>-Smart Management Hub</li> </ul> </li> </ul>
<p><b>Integrated CDE for Digital Construction and Manufacturing implementation</b></p> <ul style="list-style-type: none"> <li>• Leveraging Value from Data</li> <li>• The process of generating and managing project information</li> <li>• Integrated digital project delivery</li> <li>• The process of generating and managing project information</li> </ul>
<p><b>Integrated CDE for Digital Operation and Maintenance implementation</b></p> <ul style="list-style-type: none"> <li>• Cases sharing of key asset operation and maintenance transformation <ul style="list-style-type: none"> <li>- Planning, Design, Construction</li> <li>- Process Control &amp; Operation</li> </ul> </li> <li>• Technical characteristics of Integrated CDE for Digital Construction</li> <li>• Case Studies of GIS Based CDE for Digital Operations and Maintenance</li> <li>• Next-Generation Integrated Asset Management System</li> <li>• Leading to lifecycle, asset and facilities management</li> </ul>
<p><b>Integrated CDE project</b></p> <ul style="list-style-type: none"> <li>• Group Activities &amp; Presentations - Deployment of CDE</li> <li>• Feedback and comment</li> </ul>