



建造專業
進修院校

SCHOOL OF
PROFESSIONAL
DEVELOPMENT IN
CONSTRUCTION

Master Series in Construction AY2026/2027

FORGING PROFESSIONALISM
INSPIRING INNOVATION

Contact us 聯絡我們

School of Professional
Development in Construction
建造專業進修院校

Hong Kong Institute of Construction (HKIC)

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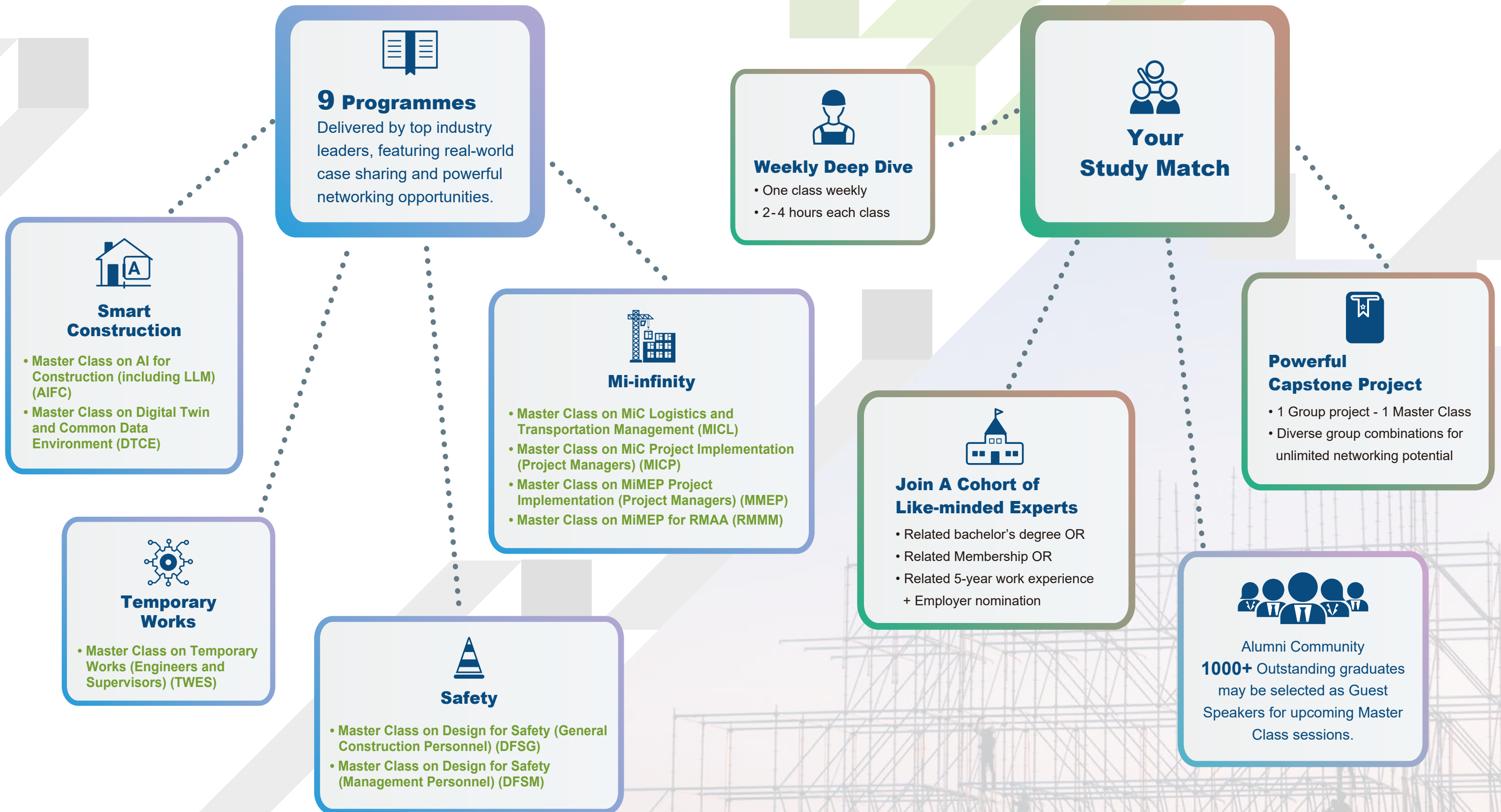
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🌐 www.hkic.edu.hk



Why CIC Master Class?

Empower Professionals. Unleash Real-World Impact.



Master Class - Graduate Reflections

The thing that this course is worthy of praise

「邀請本地MiC承辦商做講師
很有用，內容很貼地」

Graduate of Master Class MiC Project Implementation
(Project Managers)

*"Practical case study and expertise
sharing from invited speakers and
class atmosphere arranged under
class moderator"*

Graduate of Master Class MiMEP Project Implementation
(Project Managers)

Student Reflections

*"What I like most is the in-class sharing by
industry representatives on the reasons for
success in MiC projects, the challenges
encountered and insiders' insights."*

Graduate of Master Class
MiC Project Implementation (Project Managers)

*"The class is highly informative and has extensive
coverage of content. I was able to appreciate the
many advantages of the Common Data Environment,
in that it not only streamlines procedures but also
makes it possible to exercise better supervision on
the construction."*

Graduate of Master Class
Common Data Environment

Smart Construction Series

Forging Professionalism &
Inspiring Innovation

Programme Code: AIFC

Master Class on AI for Construction (including LLM) [Part-time Day | 3 hours for 7 sessions]

Programme Highlights

This programme aims to provide industry professionals with the opportunity to learn from top experts and harness the full potential of AI to enhance productivity and safety in construction projects, maximizing the potential for success.

Curriculum

Module 1 • Strategic applications and implementations of AI & LLM for Construction

Module 2 • AI & LLM foundation module

Module 3 • Construction module (Planning & Design, Sustainability)

Module 4 • Construction module (Project & Construction Management)

Module 5 • Construction module (Operation & Maintenance)

Module 6 • Large Language Model

Module 7 • Project Presentation and Certificate Presentation

Entry Requirements

- Holder of a bachelor degree in an architectural, engineering or construction related discipline; OR
- Being a member of professional institution in an architectural, engineering or construction-related discipline at member level or above; OR
- Should be (i) involved / to be involved in advanced construction projects, (ii) with at least 5 years working experience in construction industry, and (iii) nominated by the employer.

Course Fee HK\$6,830

Timetable 6 Oct 2026 – 24 Nov 2026 | Tue 14:30 – 17:30
15 Jun 2027 – 3 Aug 2027 | Tue 14:30 – 17:30

Venue HKIC - Kowloon Bay Campus



More Information

Programme Code: DTCE

Master Class on Digital Twin and Common Data Environment
[Part-time Day | 3 hours for 7 sessions]

Programme Highlights

The programme aims to cultivate industry leaders who can exhibit managerial competencies across the full spectrum of practical applications related to Digital Twin and Common Data Environment technologies. This initiative is designed to equip professionals to embrace the new era of digital transformation within the construction industry.

Curriculum

- Module 1 • Strategic Implementation of Common Data Environment and Digital Twin
- Module 2 • Common Data Environment and Digital Twin Fundamentals
- Module 3 • Common Data Environment and Digital Twin Digital Planning and Design
- Module 4 • Common Data Environment and Digital Twin for Construction
- Module 5 • Common Data Environment and Digital Twin for Digital Operation and Maintenance Implementation
- Module 6 • Site Visit
- Module 7 • Integrated Group Project (Capstone Presentation and Concluding Remarks)

Entry Requirements

- Holder of a bachelor degree in an architectural, engineering or construction-related discipline; OR
- Being a member of professional institution in an architectural, engineering or construction-related discipline at member level or above; OR
- Should be involved/to be involved in Digital Twin and/or Common Data Environment related projects, with at least 5 years working experience in construction industry AND nominated by the employer.

Course Fee	HK\$6,830
Timetable	13 Apr 2027 – 1 Jun 2027 Tue 14:30 – 17:30
Venue	HKIC - Kowloon Bay Campus



More Information

Programme Code: DFSG

Master Class on Design for Safety (General Construction Personnel)
[Part-time Day | 4 hours for 1 session]

Programme Highlights

This programme aims to build industry capacity for supporting the development and adoption of Design for Safety (DfS) in the Hong Kong construction industry. It targets to provide a basic understanding of why, what and how to adopt and use the DfS Management System and requirements through the project lifecycle stages, regarding the application of Design Risk Management and Design Safety.

Curriculum

- DfS Introduction, Requirements, Roles and Responsibilities
- Design & Construction Health & Safety
- Lessons Learnt from Major Accidents / Incidents & Statistics in HK, Singapore & UK
- DfS Requirements in Context - Project Life Cycle Stages
- DfS Roles & Responsibilities
- DfS Competence Skills, Knowledge and Experience

Entry Requirements

- General education with relevant construction working experience and ability to understand, listen, read and write Chinese and English (most preferably for operational level personnel)

Course Fee	HK\$660
Timetable	8 Jan 2027 Fri 14:00 – 18:00 20 Aug 2027 Fri 14:00 – 18:00
Venue	HKIC - Kowloon Bay Campus



More Information

Programme Code: **DFSM**

Master Class on Design for Safety (Management Personnel)
[Part-time Day | 4 hours for 5 sessions]

Programme Highlights

This programme aims to build industry capacity for supporting the development and adoption of Design for Safety (DfS) in the Hong Kong construction industry. It targets to provide a basic understanding of why, what and how to adopt and use the DfS Management System and requirements through the project lifecycle stages, regarding the application of Design Risk Management and Design Safety.

Curriculum

- Module 1** • DfS Introduction, Requirements, Roles and Responsibilities
- Module 2** • Client Strategy Brief, Pre-Construction Information, Hazards and Risks
- Module 3** • DfS Principles of Prevention and Design Risk Management (DRM)
- Module 4** • DfS Case Studies, Syndicate Exercise, Digital Design & Engineering
- Module 5** • DfS Designers Course Assessment, Q&A, Summary & Closing

Entry Requirements

- Hold a bachelor's degree (or a qualification of equivalent standard) in construction and engineering related disciplines from a recognized institution; OR
- Hold a membership of recognized professional institution in the field of architectural, engineering and construction; AND
- Have a minimum of 5 years relevant work experience in built environment

Course Fee	HK\$3,730
Timetable	12 Mar 2027 – 30 Apr 2027 Fri 14:00 – 18:00
Venue	HKIC - Kowloon Bay Campus



More Information

Programme Code: **MICP**

Master Class on MiC Project Implementation (Project Managers)
[Part-time Day | 3 hours for 7 sessions]

Programme Highlights

This signature Modular Integrated Construction (MiC) course aims to build industry capacity for supporting the development and adoption of MiC in the Hong Kong construction industry. It provides the participants with the opportunity to develop practical competence to solve MiC project implementation problems and hence extends their experience in problem-solving and technology-enabled MiC project management.

Curriculum

- Module 1** • An overview of the landscape of MiC in the construction industry
- Module 2** • A holistic approach towards the adoption of MiC: BIM-enabled Design Process, Statutory Requirements, and KPIs for MiC Project (Part 1)
- Module 3** • A holistic approach towards the adoption of MiC: BIM-enabled Design Process, Statutory Requirements, and KPIs for MiC Project (Part 2)
- Module 4** • Procurement of MiC Projects in the Hong Kong Construction Industry
- Module 5** • (1) Application of Digital Technologies for QA/QC for Offsite and Onsite; (2) Logistics and Transportation Management for MiC Projects
- Module 6** • (1) Sustainable Construction and Achieving Net-Zero through MiC Projects; (2) Logistics and Transportation Management for MiC Projects
- Module 7** • Integrated high productivity construction (Group Projects)

Entry Requirements

- Holder of a bachelor's degree in an architectural, engineering or construction-related discipline; OR
- A member of a professional institution in an architectural, engineering or construction-related discipline at member level or above; OR
- At least 5 years of working experience in construction industry AND recommended by the employer

Course Fee	HK\$6,830
Timetable	12 Nov 2026 – 7 Jan 2027 Thu 14:30 – 17:30 8 Apr 2027 – 3 Jun 2027 Thu 14:30 – 17:30 8 Jul 2027 – 26 Aug 2027 Thu 14:30 – 17:30
Venue	HKIC - Kowloon Bay Campus



More Information

Programme Code: MMEP

Master Class on MiMEP Project Implementation (Project Managers)
[Part-time Day | 3 hours for 7 sessions]

Programme Highlights

This programme aims to enhance industry capacity for supporting the development and adoption of Multi-trade Integrated Mechanical, Electrical and Plumbing (MiMEP) in the Hong Kong construction industry. It provides participants with the opportunity to develop practical competencies in managing MiMEP projects and expand their experience in problem-solving and technology-enabled project management.

Curriculum

Module 1 • An overview of MiMEP	Module 8 • Application of Digital Technologies for QA/QC for Offsite
Module 2 • Project Planning and Design for MiMEP - Key to success	Module 9 • Logistics and Transportation Management for MiMEP Project
Module 3 • Construction module (Planning & Design, Sustainability)	Module 10 • Smart Technologies for MiMEP Project
Module 4 • Construction module (Project & Construction Management)	Module 11 • Construction Safety
Module 5 • Construction module (Operation & Maintenance)	Module 12 • (1) Handover & Maintenance Stage for MiMEP
Module 6 • Large Language Model	Module 12 • (2) Sustainable Construction and Achieving Net-Zero through MiMEP Projects
Module 7 • Project Presentation and Certificate Presentation	Module 13 • Integrated Group Projects

Entry Requirements

- Holder of a bachelor's degree in an architectural, engineering or construction-related discipline; OR
- A member of a professional institution in an architectural, engineering or construction-related discipline at member level or above; OR
- At least 5 years of working experience in construction industry AND recommended by the employer

Course Fee	HK\$6,760
Timetable	3 Sep 2026 – 29 Oct 2026 Thu 14:30 – 17:30 14 Jan 2027 – 18 Mar 2027 Thu 14:30 – 17:30
Venue	HKIC - Kowloon Bay Campus



More Information

Programme Code: MICL

Master Class on MiC Logistics and Transportation Management
[Part-time Day | 3 hours for 3 sessions]

Programme Highlights

This Modular Integrated Construction (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.

Curriculum

Module 1 • Route planning and Transportation consideration
Module 2 • Procurement, Liaison and Taxation of MiC logistics
Module 3 • Statutory requirements on transportation of MiC and Transportation arrangement
Module 4 • Preparation and protection works, Storage and site arrangement for just-in-time delivery
Module 5 • Smart logistics management system for MiC
Module 6 • Integrated smooth logistics and Transportation planning (Group project)

Entry Requirements

- Holder of a bachelor degree in an architectural, engineering or construction related discipline; OR
- Being member of an appropriate institution at an appropriate membership level; OR
- Should be involved / to be involved in MiC related projects and with at least 5 years working experience in construction industry AND nominated by the employer

Course Fee	HK\$3,840
Timetable	10 Jun 2027 – 24 Jun 2027 Thu 14:30 – 17:30
Venue	HKIC - Kowloon Bay Campus



More Information

Programme Code: RMMM

Master Class on MiMEP for RMAA
[Part-time Day | 3 hours for 5 sessions]**Programme Highlights**

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.

Curriculum**Module 1** • MiMEP Policy and Strategy Roadmap**Module 2** • MiMEP Overview and Key to Success**Module 3** • Successful Project showcase on MiMEP for RMAA**Module 4** • MiMEP adoption on RMAA projects**Module 5** • Application of digital technologies to facilitate MiMEP on RMAA**Module 6** • Site / Factory visit**Module 7** • Integrated Group Project**Entry Requirements**

- Proficient in communication in both Cantonese and English
- Capable of reading English
- Capable of writing English, AND
- 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	HK\$4,930
Timetable	5 May 2027 – 16 Jun 2027 Wed 14:30 – 17:30
Venue	HKIC - Kowloon Bay Campus



Programme Code: TWES

Master Class on Temporary Works (Engineers and Supervisors)
[Part-time Day | 2 hours for 4 sessions | 4 hours for 1 session]**Programme Highlights**

While a TW failure always leads to catastrophic consequences, efficient and effective design and management of TW can significantly improve performance in terms of time, cost and quality as well as health and safety on any construction projects. This signature TW course aims to develop participants' knowledge and practical competence to achieve optimized TW solutions with safe outcomes through the adoption of a systematic control framework for temporary works design and management that can help minimise the risk of TW failure in a construction project.

Curriculum**Module 1** • An overview of Design for Safety (DfS) on Temporary Works Design and Management in Construction Industry**Module 2** • Temporary Works Design and Management: Statutory Requirements; Risk Management; Roles and Responsibilities; TW Policy, Procedures and Process**Module 3** • Temporary Works Management Plan and Application of Innovative Technologies: Special Temporary Works Solutions**Module 4** • Implementation of Falsework and Formwork in Hong Kong: Scaffolding Systems - Planning; Design; Installation; Monitoring and Dismantling**Module 5** • Case Study 1: A Building Project - Excavation and Lateral Support**Module 6** • Case Study 2: A Building Project - Demolition of the Building**Module 7** • Integrated Group Projects (by Project Teams): Application of Temporary Works Design and Management**Entry Requirements**

- Holder of a bachelor degree in an architectural, engineering or construction-related discipline; OR
- Being member of an appropriate professional institution at an appropriate membership level; OR
- At least 5 years working experience in construction industry AND nominated by the employer

Course Fee	HK\$3,050
Timetable	20 Jan 2027 – 24 Mar 2027 Wed 14:30 – 17:30 21 Jul 2027 – 8 Sep 2027 Wed 14:30 – 17:30
Venue	HKIC - Kowloon Bay Campus



Academic Year 2026 / 2027 - Course Schedule

Course Code		AIFC	DTCE	DFSG	DFSM	MICP	MMEP	MICL	RMMM	TWES
2026	SEP					 MMEP				
	OCT	 AIFC								
	NOV				 MICP			 RMMM		
	DEC									
	JAN		 DFSG							
2027	FEB					 MMEP				 TWES
	MAR			 DFSM						
	APR									
	MAY		 DTCE							
	JUN				 MICP		 MICL			
	JUL	 AIFC								
	AUG			 DFSG						 TWES
	SEP									

Disclaimer

The information provided in this prospectus and all aspects of the programme offerings are subject to change at the sole discretion of HKIC-SPDC. For the most up-to-date programme information, please visit the HKIC-SPDC website (<https://www.hkic.edu.hk/en/about/spdc>). In the event of any disputes regarding the content of this prospectus, HKIC-SPDC reserves the right to make the final decision. Additionally, HKIC-SPDC maintains the right to cancel any programme(s), in which case all fees paid will be fully refunded.