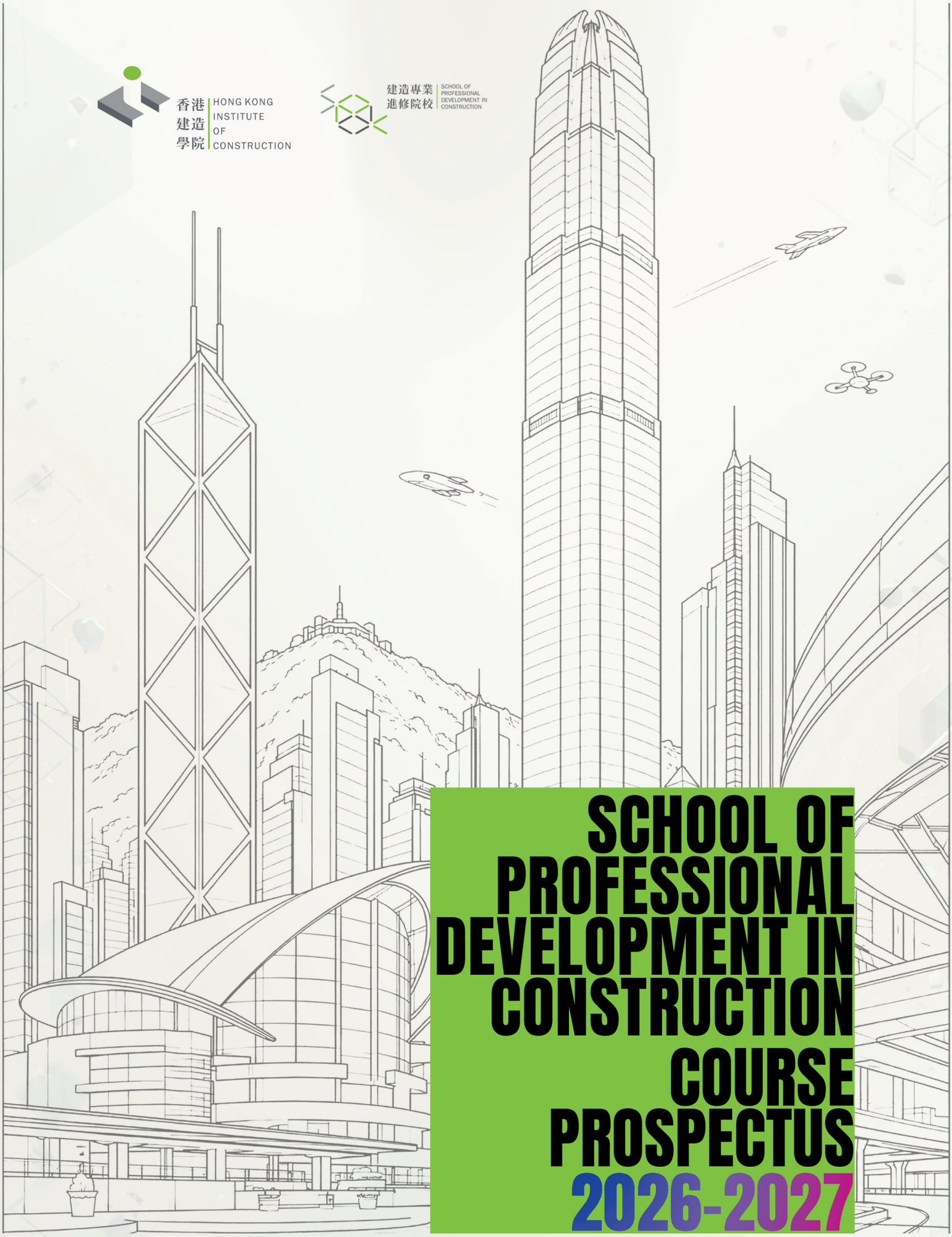
香港建造學院 HONG KONG INSTITUTE OF CONSTRUCTION

建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION



SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION COURSE PROSPECTUS 2026-2027

CONSTRUCTION INDUSTRY COUNCIL 建造業議會

Hong Kong Institute of Construction (HKIC) is a member organisation of the Construction Industry Council (CIC)
香港建造學院為建造業議會機構成員

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.

TABLE OF CONTENTS

- *SPDC* — 04

  This prospectus presents SPDC's Premier Curriculum for construction professionals who want to strengthen leadership, technical knowledge, and future-ready capabilities. Each section highlights practical learning, industry insight, and emerging ideas shaping the sector.

- *PREMIER CURRICULUM* — 05

  This prospectus presents SPDC's Premier Curriculum for construction professionals who want to strengthen leadership, technical knowledge, and future-ready capabilities. Each section highlights practical learning, industry insight, and emerging ideas shaping the sector.

- *SITE MANAGEMENT* — 14

  Build practical skills in planning, coordination, and on-site delivery for effective project management.

CONSTRUCTION TECHNOLOGY AND QUALITY — 26

Explore modern construction methods, quality assurance, and best practices for delivering work to a high standard.

- *BUILDING INFORMATION MODELLING (BIM)* — 39

  Learn how digital collaboration and BIM support better design coordination, planning, and project perforemance.

- *ARTIFICIAL INTELLIGENCE & ROBOTICS* — 57

  Discover how AI and robotics are transforming construction with smarter workflows, improved safety, and greater efficiency.

BACKGROUND

School of Professional Development In Construction

建造專業進修院校

SPDC

he School of Professional Development in Construction (SPDC), an important member of the Hong Kong Institute of Construction (HKIC), aspires to be Hong Kong's leading provider of continuing education and professional training for the construction industry. Offering a wide range of Qualifications Framework (QF)-recognised programmes, SPDC is committed to supporting lifelong learning and professional advancement for construction practitioners at different stages of their careers.

Our goal is to deliver comprehensive, up-to-date, and reliable training programmes that address the evolving needs of the industry. SPDC currently offers more than 100 programmes covering emerging technologies and industry innovations, including Building Information Modelling (BIM), Common Data Environment (CDE), Artificial Intelligence (AI), Digital Twin technologies, and specialised programmes in Modular Integrated Construction (MiC).

SPDC is firmly committed to Environmental, Social and Governance (ESG) principles. Our offerings include training related to the CIC Carbon Assessment Tool (CAT) and Smart Waste Management Tools, supporting the advancement of sustainability and responsible development across the construction sector.

Forging Professionalism
Inspiring Innovation

建造專業•創新未來

100+	Master	Future	AI
Programmes	Class	Construction Excellence	Robotic, MiC, BIM

AI年！啟動！

Premier Curriculum

建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

Future Construction Excellence

"Building Tomorrow with Excellence Today."





A Cross-Border Learning Journey

Programme Spotlight

Hosted by SPDC, the Future Construction Excellence (FCE) Programme aims to empower construction leaders to steer transformative changes in the industry. In partnership with Imperial College London and Tsinghua University, this programme provides students with global and regional insights from top industry leaders and international corporations across three different regions:

- Beijing
- London,
- and Hong Kong

Built for Aspiring Professionals

- C-suite executives
- Directors
- Board members
- Pivotal decision makers
- Future Construction Leaders.

excellence # future

Premier Curriculum

建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

Future Construction Excellence

A Look at Emerging Trends

The construction industry is undergoing rapid transformation driven by digitalisation, artificial intelligence, sustainability, and modern construction technologies. The Future Construction Excellence (FCE) Programme is a premier executive development programme designed specifically for C-suite executives, directors, and senior decision-makers to lead this transformation.





GLOBAL INSIGHT

Through immersive learning experiences in Hong Kong, the Greater Bay Area and the United Kingdom, participants gain direct exposure to global best practices, emerging technologies, and innovative leadership strategies. The programme features insights from internationally renowned experts, site visits to landmark projects, executive networking opportunities, and strategic capstone projects.

More than a technology programme, FCE focuses on developing the strategic vision needed to navigate industry disruption, drive organisational change, and create long-term business value. Participants build valuable connections with industry leaders while exploring future trends such as digital twins, AI, DfMA, robotics, and smart infrastructure.

For organisations seeking sustainable growth and competitive advantage, FCE is a powerful investment in leadership. It equips senior management with the global perspective, innovation mindset, and strategic capability required to shape the future of construction with confidence.



REGIONAL KNOW-HOW

insight # future

Premier Curriculum

Future Construction Excellence

Designed to empower leaders to excel in the future construction industry, this programme prepares you to lead in an evolving global landscape, anticipate challenges, and pioneer sustainable and tech-driven solutions. FCE enhance your ability to shape the construction industry of tomorrow.

Global Insight Module

Gain first-hand exposure to world-leading construction innovations, digital transformation strategies, and future-ready leadership practices through UK immersion.

Imperial College London (2025) | 5-Day | Safety | Sustainability | Leadership | MMC | Digital Transformation

Regional Know-how Module

Explore Greater Bay Area advancements, emerging technologies, and successful development models shaping the future of regional construction.

Beijing (2025) | 5-Day | Robotics | AI | Innovative Technology | National Strategy | Macro Analysis

Local Expertise Module

Learn from Hong Kong industry pioneers, policy leaders, and practitioners driving innovation, productivity, sustainability, and change.

Hong Kong | 2-Day | Mindset | Local Landscape | Experience Sharing | Transformation Strategy

Exclusive Networking Events

Connect with influential executives, innovators, and industry leaders, fostering partnerships and collaborations beyond the programme experience.

Capstone Project

Transform insights into action by developing strategic solutions that address real industry challenges and organisational growth.

Premier Curriculum

建造專業進修院校 | SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

Master Class

Where Master Advances.





Empower Professionals & Unleash Real-World Impact.

"Master the Future. Build with Craftsmanship".

Committed to "innovation", "professionalisation" and "revitalisation", SPDC has been providing the industry with continuing education programmes, including several Master Classes covering topics such as MiC Project Implementation, Common Data Environment (CDE), Design for Safety (DfS), Safety Leadership Culture, AI for Construction, Digital Twin, and Temporary Works, so that management personnel of the industry can upgrade and increase competitiveness.

SAFETY

SMART CONSTRUCTION

MI-INFINITY

TEMPORARY WORKS

DIGITAL TWIN & CDE

Mastering the Art of Construction:
Crafting Professional and Comprehensive Competitiveness.

- Weekly Deep Dive: One class per week, 2–4 hours per session.
- Join a Cohort of Like-minded Experts
- Powerful Capstone Project

#SPDCMasterClass

Premier Curriculum

建造專業進修院校 | SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

Master Class

Where Master Advances.

TREND:

HONG KONG CONSTRUCTION IS TRANSFORMING

AI, Digital Twin, CDE, MiC and Smart Site Safety are rapidly becoming industry standards rather than competitive advantages. The CIC has even designated 2026 as the "Year of AI", signalling a major shift towards digital construction and AI-enabled project delivery.

NEW CHALLENGES DEMAND NEW SKILLS

The industry is facing rising costs, manpower shortages, stricter safety requirements and increasing pressure to improve productivity and compliance. Construction professionals must continuously upgrade their capabilities to stay relevant and competitive.



LEARN FROM INDUSTRY LEADERS

HKIC-SPDC Master Class brings together leading practitioners and experts to share real project experience, practical solutions and emerging industry trends. Programmes cover AI for Construction, Digital Leadership, Design for Safety, CDE, Digital Twin, MiC and more.

FEATURE NEW MASTER CLASS : AI

As Hong Kong's construction industry accelerates towards AI-driven project delivery, smart site safety and digital transformation, professionals must stay ahead of emerging technologies. HKIC's Master Class on AI for Construction (Including LLM) explores practical applications of artificial intelligence across planning, design, construction and operations. Through expert-led sessions, real industry case studies and implementation strategies, participants will gain the knowledge and confidence to improve productivity, enhance decision-making, strengthen competitiveness and lead innovation within their organisations.

STAY AHEAD, NOT BEHIND

The industry bodies have highlighted the growing importance of AI adoption and digital capability across the construction lifecycle. Tomorrow's industry leaders will be those who understand and apply these technologies today.



Premier Curriculum

Master Class

CIC Master Class on MiMEP Project Implementation (Project Managers)

21 Hrs | $6760 | MMEP

This programme aims to enhance industry capacity for supporting the development and adoption of 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.

2026-09-03
2026-10-29

2027-01-14
2027-03-18

- Module 1: An overview of MiMEP
- Module 2: Project Planning and Design for MiMEP - Key to success
- Module 3: Cost Management
- Module 4: Procurement of MiMEP Projects in HK Construction Industry
- Module 5: Process map for the adoption of MiMEP – Design Stage
- Module 6: Process map for the adoption of MiMEP – Construction Stage
- Module 7: Production of MiMEP
- Module 8: Application of Digital Technologies for QA/QC for Offsite and Onsite Work
- Module 9: Logistics and Transportation Management for MiMEP projects
- Module 10: Smart Technologies for MiMEP projects
- Module 11: Construction Safety
- Module 12: (1) Handover & Maintenance Stage for MiMEP
- Module 12: (2) Sustainable Construction and Achieving Net-Zero through MiMEP Projects
- Module 13: Integrated Group Projects

CIC Master Class on AI for Construction (including LLM)

21 Hrs | $6830 | AIFC

This programme aims to equip construction professionals with practical knowledge of AI and Large Language Models, enabling them to enhance planning, design, sustainability, project management, operations, and maintenance through innovative digital solutions and data-driven decision-making.

2026-10-06
2026-11-24

2027-06-15
2027-08-03

- 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

Master Class

CIC Master Class on MiMEP for RMAA

15 Hrs | $4930 | RMMM

This programme aims to equip construction professionals with practical knowledge of MiMEP implementation for RMAA projects, covering policy, project applications, digital technologies, industry best practices, and integrated project delivery through case studies, site visits, and collaborative learning.

2026-11-06
2026-12-11

- 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

Mi

CIC Master Class on MiC Project Implementation (Project Managers)

21 Hrs | $6830 | MICP

This programme aims to equip project managers with comprehensive MiC knowledge in BIM-enabled design, procurement, logistics, quality assurance, safety and sustainability for high-productivity project delivery.

2026-11-12
2027-01-07

2027-04-08
2027-06-03

2027-07-08
2027-08-26

- 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 Projects (Part 1)
- Module 3: A holistic approach towards the adoption of MiC: BIM-enabled Design Process, Statutory Requirements, and KPIs for MiC Projects (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) Construction Safety for MiC Projects
- Module 7: Integrated high productivity construction (Group Projects)

Mi

Premier Curriculum

Master Class

CIC Master Class on Temporary Works (Engineers and Supervisors)

16 Hrs | $3050 | TWES

This programme aims to equip general construction personnel with essential Design for Safety (DfS) knowledge, covering project life cycle requirements, roles and responsibilities, competency development, and lessons learned from major construction incidents to enhance workplace safety perforemance and risk awareness.

2027-01-20
2027-03-24

2027-07-21
2027-09-08

- 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

WORK

CIC Master Class on Design for Safety (Management Personnel)

20 Hrs | $3730 | DFSM

This programme aims to equip management personnel with advanced Design for Safety (DfS) knowledge and practical skills in hazard identification, design risk management, prevention principles, and digital design practices to enhance safety leadership and decision-making throughout project delivery.

2027-03-12
2027-04-30

- 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 Exercises, Digital Design & Engineering
- Module 5: DfS Designers Course Assessment, Q&A, Summary & Closing

SAFETY

Premier Curriculum

建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

Master Class

CIC Master Class on Digital Twin and Common Data Environment

21 Hrs | $6830 | DTCE

2027-04-13
2027-06-01

This programme aims to equip construction professionals with practical knowledge of Digital Twin and Common Data Environment implementation, covering planning, design, construction, and operation stages to enhance project collaboration, data management, digital integration, and asset lifecycle perforemance.

- 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

BIM

CIC Master Class on MiC Logistics and Transportation Management

9 Hrs | $3840 | MICL

2027-06-10
2027-06-30

This programme aims to equip construction professionals with practical knowledge of MiC logistics and transportation management, covering route planning, procurement, statutory requirements, site arrangements, just-in-time delivery, and smart logistics systems to support efficient and seamless MiC project implementation.

- Module 1 — Route planning and Transportation consideration
- Module 2 — Procurement, Liaison and Taxation for 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)

Mi

Premier Curriculum

建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

Master Class

CIC Master Class on Design for Safety (General Construction Personnel)

4 Hrs | $660 | DFSG

This programme aims to equip construction personnel with Design for Safety (DfS) principles, responsibilities and competencies through practical case studies, enhancing risk management awareness and safer decision-making throughout the project lifecycle.

2027-01-08

- 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

SITE MANAGEMENT

Dear AI,
As a construction manager aiming to advance my career, which skills or knowledge areas should I focus on through SPDC programs? How can these programmes help me stay updated with industry trends and technologies?

"SPDC courses management across trades professions and construction sectors.
See below."

SITE MANAGEMENT

- Profession & Qualification p.16
- Specialist Trade p.20
- Civil Works p.23
- Building Works p.24
- Construction Supervision and Safety p.25

SITE MANAGEMENT

Build Leadership.
Shape the Future of **Specialist Trades**.

Build Skills. Lead with Confidence.

Advance from Skilled Practitioner to Trade Supervisor

"Building the Next Generation of Specialist Trade Leaders"

As Hong Kong's construction industry continues its transformation through digitalisation, quality enhancement and stricter safety requirements, specialist trade professionals are increasingly expected to lead teams, manage site operations and uphold professional standards.

Practical Management Skills for Site Success

HKIC-SPDC's Certificate in Construction for Specialist Trades Management and Supervision series equips experienced practitioners with the management, supervision and leadership capabilities needed for career progression.

More about Specialist Trade.

Certificate in BIM Basic Structural Modelling and Basic Analysis with Revit, Tekla Structures and YJK





Trade-Specific Learning for Real-World Application

Covering Bar Bending & Fixing, Concreting, Curtain Wall, Formwork, Scaffolding, Demolition, Erection of Concrete Precast Components, Plastering and Suspended Ceiling, the programmes combine core management knowledge with specialist trade expertise.

Strengthen Your Career with Recognised Professional Development

For those seeking wider industry management competencies, the Certificate in Construction Specialist Trades Management provides a recognised pathway to enhance supervisory skills, improve project perforemance and prepare for greater responsibilities.

Lead the Industry Forward

Whether you aspire to become a supervisor, foreman or management professional, these programmes help you build confidence, strengthen leadership and advance your career in Hong Kong's evolving construction industry.

 # Specialist Trade # Industry Leader

Profession & Qualification

SITE MANAGEMENT

Develop the knowledge, skills and qualifications required to excel in site management and lead construction projects with confidence.

CP1Z Technically Competent Person T1 Training Course

Enables qualification for recognition as Technically Competent Person T1 (TCP T1) with strong focus on safety, supervision, and construction management

98 Hrs

2026-10-05 2027-02-15
2026-10-06 2027-05-21

Construction professionals with ≥5 years supervision experience, particularly site supervisory staff recommended by employers

$5490

2027-01-19 2027-06-22

CR1Z CPD Course for Registered Contractors Module 1: Course for Registered General Building Contractors and Registered Specialist Contractors

Latest knowledge of construction-related legislation and statutory compliance requirements.

15 Hrs

2027-04-23 2027-08-17

Any RGBC or RSC is eligible to attend this CPD course. All applicants must be registered by BD and acted as Authorised Signatory (AS) for their companies.

$1640

CR2Z CPD Course for Registered Contractors Module 2: Additional Course for Specialist Contractors (Demolition Category)

Statutory Requirements Affecting Demolition Activities; Supervision of Demolition Works; Safety Issues in Demolition Works

6 Hrs

2027-05-18

Any RGBC or RSC is eligible to attend this CPD course. All applicants must be registered by BD and acted as Authorised Signatory (AS) for their companies.

$1830

CR3Z CPD Course for Registered Contractors Module 3: Additional Course for Specialist Contractors (Foundation Category)

Monitoring and Testing of Foundation Works; Control and Monitoring of Adjoining Sites / Buildings ; Safety Issues in Foundation Works

6 Hrs

2026-07-26

Any RGBC or RSC is eligible to attend this CPD course. All applicants must be registered by BD and acted as Authorised Signatory (AS) for their companies.

$1830

Profession & Qualification

SITE MANAGEMENT

Develop the knowledge, skills and qualifications required to excel in site management and lead construction projects with confidence.

CR4Z CPD Course for Registered Contractors Module 4: Additional Course for Specialist Contractors (Site Formation Category)

Shoring and Supporting System for Site Formation; Supervision of Site Formation Works; Safety Issues in Site Formation Works

6 Hrs

2027-05-06

Any RGBC or RSC are eligible to attend this CPD course. All applicants must be nominated by BD and acted as Authorised Signatory (AS) of their companies.

$1830

MPMS Continuous Professional Development (CPD) Courses for Registered Specialist Trade Contractors

Designated for Management Personnel of Registered Specialist Trade Contractors, and intended to support fulfilment of the registration requirement" on Continuous Professional Development (CPD).

29 Hrs

2027-07-12

Management Personnel of Registered Specialist Trade Contractors

$2530

Profession & Qualification

SITE MANAGEMENT

Develop the knowledge, skills and qualifications required to excel in site management and lead construction projects with confidence.

NEC4 NEC4 ECC Project Manager Accreditation

Equip construction professionals with NEC4 ECC project management skills in contract administration, risk management, programme control and stakeholder engagement.

32.5 Hrs

At least 3 years' experience using NEC4 ECC in the construction industry.
https://www.neccontract.com/products/training/nec4-ecc-project-manager-accreditation

NECZ Certificate in Principles of New Engineering Contract (NEC)

This course will provide detailed explanation of the principles of NEC to support its use by local practitioners.

27 Hrs

2026-10-13 2027-04-20
2027-02-22 2027-07-05

Practitioners with experience in contract management or contract administration.

$1980

RRCZ Refresher Course for Registered Minor Works Contractor (Company) Class I/II Minor Works

This course provides an overview of the Minor Works Control System, including contractor registration requirements, project classifications, statutory procedures, and regulatory mechanisms under the Buildings Ordinance.

10 Hrs

2027-04-15

Inactive RMWC (Company) which wants to renew/restore the registration

$820

RRIZ Refresher Course for Registered Minor Works Contractor (Individual) Class III Minor Works

Covers minor works classifications, contractor registration, Buildings Ordinance requirements, labour safety, ethics, anti-corruption awareness, case studies, and assessment.

7 Hrs

2027-04-15

Inactive RMWC (Individual) which wants to renew/restore the registration

$660

Profession & Qualification

SITE MANAGEMENT

Develop the knowledge, skills and qualifications required to excel in site management and lead construction projects with confidence.

RWIZ Registered Minor Works Contractor (Individual) Class III Minor Works Training Course

Covers Class III minor works scope, contractor responsibilities, statutory requirements, work procedures, safety measures, planning, and anti-bribery awareness.

7 Hrs

2026-09-08 2027-03-04
2026-11-04 2027-05-03

Individual self-employed workers with suitable qualifications and experience are eligible for registration as Registered Minor Works Contractor (Individual) to undertake class III minor works.

$660

2027-01-04

RWVZ Authorized Signatory（Registered Specialist Contractor (Ventilation Works Category)） Continuing Professional Development Course in Type E Minor Works

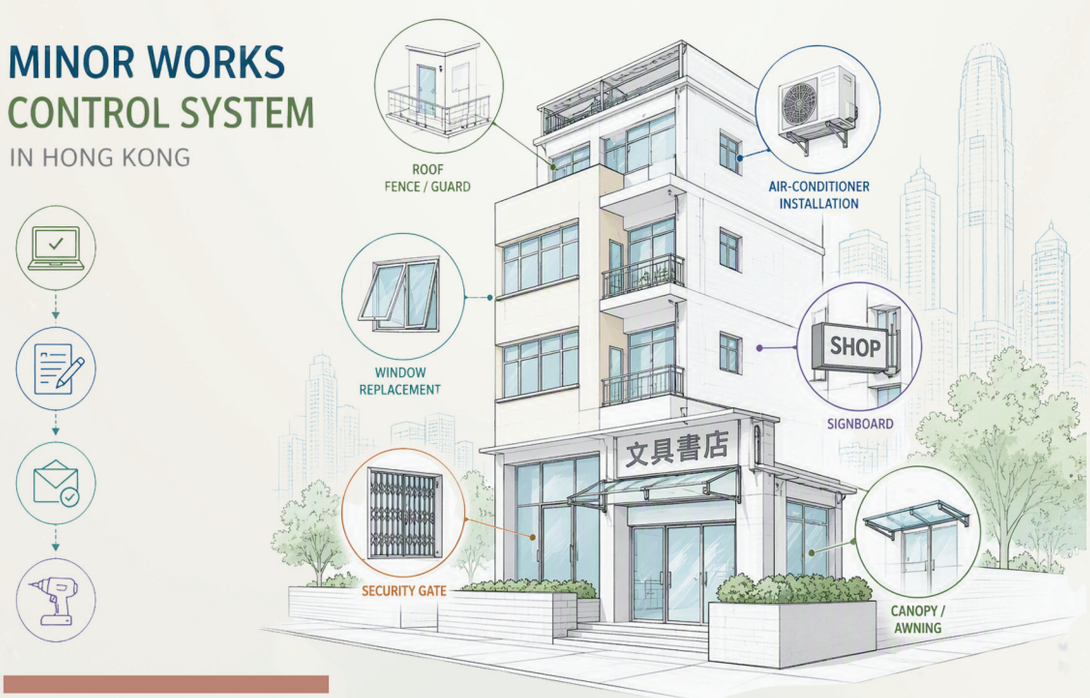
Equip ventilation works authorised signatories with building technology knowledge, construction safety and service coordination skills for Type E minor works registration.

6 Hrs

T.B.A.

For an authorised signatory (AS) of Registered Specialist Contractors (Ventilation Works Category) who intends to be registered as Type E minor works

$750



SITE MANAGEMENT

Specialist Trade

Develop the knowledge, skills and qualifications required to excel in site management and lead construction projects with confidence.

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
Registration Validity Period : 01/09/2025 to 31/08/2030

MSBA Certificate in Construction for Specialist Trades Management and Supervision - Bar Bending & Fixing

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QF Registration No. : 25/001089/L3

MSCC Certificate in Construction for Specialist Trades Management and Supervision - Concreting

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QF Registration No. : 25/001091/L3

MSCW Certificate in Construction for Specialist Trades Management and Supervision - Curtain Wall

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QF Registration No. : 25/001093/L3

MSFW Certificate in Construction for Specialist Trades Management and Supervision - Formwork

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QF Registration No. : 25/001090/L3

Specialist Trade

Develop the knowledge, skills and qualifications required to excel in site management and lead construction projects with confidence.

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
Registration Validity Period : 01/09/2025 to 31/08/2030

MSSF Certificate in Construction for Specialist Trades Management and Supervision - Scaffolding

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QR Registration No.: 25/001094/L3

MSDL Certificate in Construction for Specialist Trades Management and Supervision - Demolition

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QR Registration No.: 25/001097/L3

MSEC Certificate in Construction for Specialist Trades Management and Supervision - Erection of Concrete Precast Component

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QF Registration No.: 25/001095/L3

MSPL Certificate in Construction for Specialist Trades Management and Supervision - Plastering

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs | 2027-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

QF Registration No.: 25/001092/L3

SITE MANAGEMENT

Specialist Trade

Specialist Trades Professionals: Building Excellence Through Skill, Precision, and Pride in Every Project.

MSSC Certificate in Construction for Specialist Trades Management and Supervision - Suspended Ceiling

Designed for experienced intermediate tradespersons, preparing them for supervisory roles and career progression to relevant trade foreman positions.

104 Hrs

2026-04-26

Intermediate relevant trade workers with 3 years' experience, Chinese literacy, and employer recommendation; priority for registered workers and contractors.

$1620

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No.: 25/001096/L3
Registration Validity Period : 01/09/2025 to 31/08/2030

CPMS Certificate in Construction Specialist Trades Management

This programme aims to enhance the management staff of subcontractor the requisite knowledge and skills to improve their competence in project management and supervision works.

52 Hrs

2027-07-12

Holders of Form 3 or equivalent; and Applicants should be able to write and read in Chinese, and communicate in Cantonese; and Have a registered skilled worker (RSW) for a designated trade; or 2 years' or above relevant working experience in Construction Management/Supervision.

$4110





Certificate in Construction for Specialist Trades Management and Supervision - Suspended Ceiling

Civil Works

SITE MANAGEMENT

Build expertise in civil works management through practical training in construction operations, safety, regulations, coordination, and site leadership.

BMCZ Tunnel, Bridge and Road Maintenance and Management Course

The course content includes Underground Conditions in Hong Kong; Types of Tunnel Lining; Inspection and Investigation of Tunnel Structures; Problems in Tunnels and its Repair Techniques.

24 Hrs

2027-05-25

Tunnel / bridge / road engineers, designers, maintenance supervisors or personnel with relevant working experience.

$1890

RCMZ Roadwork Construction Management Course

Gain practical expertise in roadworks management, safety, regulations, traffic diversion, utilities coordination, contractor administration, and problem-solving.

12 Hrs

2027-08-06

Engineering Technically Supervision Persons, Site Representatives, Supervisors, Foremen or Persons with relevant working experience.

$1120



SITE MANAGEMENT

Building Works

Develop essential building management skills in construction planning, site supervision, safety, coordination, quality control, and project delivery.

CPME Certificate in Construction Project Manager Essentials

This programme aims to equip construction professionals with multifaceted knowledge and skillset to act as a proficient project manager on modern construction projects.

18 Hrs

2027-04-01

(i) Holder of a Bachelor degree in an architectural, engineering or construction discipline; AND(ii) At least 5-year working experience on construction projects.

$2130

PBPZ Planning for a Building Project Course

Learn practical building project planning, programming, site management, budgeting, statutory compliance, construction methods, reporting, and real-world case studies.

14 Hrs

2027-08-04

Project Manager, Engineer, Site agent or Persons with relevant working experience

$1250

RMSS Certificate in Repair, Maintenance, Alteration and Addition: Practices for Site Supervisor

Develop practical site supervision skills for renovation and maintenance projects, covering inspections, safety management, building maintenance and project delivery.

112 Hrs

2026-09-14

2026-11-30

Hold relevant construction higher diploma qualification or T1 training, plus three years' site supervision experience at foreman level

$1620

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000824/L3
Registration Validity Period : 01/09/2026 to 31/08/2031

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000825/L3
Registration Validity Period: 01/09/2026 - 31/08/2030

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000826/L3
Registration Validity Period: 01/09/2026 - 31/08/2030

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000827/L3
Registration Validity Period: 01/09/2026 - 31/08/2030

Construction Supervision and Safety

SITE MANAGEMENT

Develop essential building management skills in construction planning, site supervision, safety, coordination, quality control, and project delivery.

CDCS Certificate in Digital Construction and Supervision Technologies for Front-line Supervisors

The programme aims to equip in-service foreman with the latest knowledge and skills of digital construction, and subsequently apply them in their daily operation and supervision works.

15 Hrs

2026-08-07

2027-07-08

Applicant must be (i) a serving foreman, project co-ordinator or above ranking, (ii) with at least 3 years working experience in construction related industry and (iii) have basic knowledge in digital technology.

$1840

PMSZ Project Management Training Series for Sub-contractors

The course consists of a series of training in different specialised areas of sub-contracting.

21 Hrs

2026-10-30

Proprietor, foreman and supervisory staff working for sub-contractors

$1560

SS1C Certificate in Fundamentals of Smart Site Safety System (SSSS)

The programme aims to help candidate understand 4S policy framework, hardware deployment, network configuration, data platform operations, and alert handling workflows for smart site safety.

4 Hrs

2026-09-23

Applicant must be (i) aged 18 or above, (ii) with at least 1 year of construction industry experience, and (iii) possess basic computer literacy.

$500



Certificate in Digital Construction and Supervision Technologies for Front-line Supervisors

As a construction practitioner, how can I effectively learn Construction Technology and Quality to improve project delivery, compliance, and career growth?

SPDC offers a wide range of Construction Technology and Quality courses that equip practitioners with MiC frontline knowledge and quality management skills to deliver safer, smarter, and better projects. construction projects.

CONSTRUCTION TECHNOLOGY AND QUALITY

- Contract & Procurement p.28
- Environmental & Heritage p.30
- Civil Works p.32
- Building Works p.33
- Building and Utilities Service p.34
- MiC p.35
- Construction Supervision and Safety p.37
- Diagnosis and Detection p.38

CONSTRUCTION TECHNOLOGY AND QUALITY

Mastering MiC

Empowering Frontline Leaders for the Future of Construction

CONSTRUCTION TECHNOLOGY AND QUALITY

WHY MIC FRONTLINE LEADERS MATTER

As Modular Integrated Construction (MiC) becomes a mainstream delivery method in Hong Kong, frontline supervisors and foremen play a critical role in project success. They are responsible for coordinating module delivery, storage, lifting operations, installation sequencing, safety control, quality assurance, and communication between factories, logistics teams, and site personnel. Unlike traditional construction, MiC demands precise planning and execution, where a single error can affect the entire supply chain. With increasing adoption of smart logistics, digital tracking, and off-site manufacturing, competent frontline leaders are essential to ensuring safer, faster, higher-quality, and more productive project delivery.



BUILDING MIC COMPETENCE

Develop practical knowledge in logistics, transportation, lifting, installation, safety, quality control, and digital coordination to support successful MiC project delivery.

CERTIFICATE IN MIC FOR FOREMAN

Master the essentials of Modular Integrated Construction (MiC). Gain practical skills in quality control, lifting operations, BIM coordination, site safety and supervision to lead successful MiC projects with confidence

ESSENTIAL KNOWLEDGE FOR THE MIC ERA

Construction practitioners must understand the full MiC workflow, including logistics planning, transportation regulations, lifting operations, site coordination, quality control, BIM applications, smart logistics systems, safety management, and module installation. A broad understanding across the entire supply chain is increasingly vital for modern project delivery.

Contract and Procurement

Develop essential knowledge in contract administration and procurement practices to support successful project delivery and commercial management.

AQSZ Applications of Quantity Surveying (Measurement) Course

Refreshing General Principles of HKSMM; Mensuration; Booking Dimensions and Systems of Measurement; Substructure which includes Excavation and Concreting Works etc.

27 Hrs | 2027-07-21

Practitioners who have basic knowledge of quantity surveying.

$1900

CBWQ Certificate in Conditions of Contract : Building Works

Learn contract administration, contractual obligations, claims management, dispute resolution, and practical application of standard construction contract conditions.

12 Hrs | 2027-07-21

Technical officer, site representative, site superintendent

$1120

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000815/L3
Registration Validity Period : 01/09/2026 to 31/08/2030

CDMZ Construction Dispute Management Course

The course content includes Anatomy, Diagnosis and Prevention of Construction Disputes; Negotiation and Positioning of Bargaining; etc.

12 Hrs | 2027-06-22

Applicants will generally be Technical Works Supervision Officers, Site Agents, Clerks of Works, Site Foreman or have related working experiences

$1120

CMPZ Contract Management Course in Construction Projects

Tendering Procedure; Formalities and Contractual Requirements at Contract Commencement; Payment Applications and Milestone Schedules; Safety Plan; etc

8 Hrs | 2027-06-01

Technical Officer, Site Representative, Site Superintendent, Site Foreman

$890

Contract and Procurement

Develop essential knowledge in contract administration and procurement practices to support successful project delivery and commercial management.

GQSZ General Principles of Quantity Surveying (Measurement) Course

Introduce Basic Concept of Quantity Surveying and Contents of Contract Documents; Uses, Main Content and Process of Preparing Bills of Quantities; Introduce Standard Method of Measurement (HKSMM4)

21 Hrs

2027-04-07

Practitioners who need to be equipped with basic knowledge of quantity surveying including foremen, site superintendents, materials purchasers, subcontractors.

$1560

LROZ Certificate for Labour Relations Officer

Introduction of Construction Industry; Familiarization of Contract Documents; Measures to Secure and Monitor Payment of Wages to Workers; Employment Ordinance; etc

36 Hrs

2026-10-29

2027-03-02

Otain passess in 5 subjects including Chinese Language, English Language (Syllabus B) and Mathematics in the HKCEE Examination; or obtain Level 2 or above in 5 subjects including Chinese Language, English Language and Mathematics in the HKDSE Examination; or equivalent qualification.

$2680

2027-06-22

CCWQ Certificate in Conditions of Contract: Civil Works

This programme is designed to enable engineering technical supervisors, site representatives, site supervisors and site foremen to become familiar with the key clauses and stakeholder roles in civil engineering contracts.

15 Hrs

2027-04-13

$1330

1. At least 18 years of age;
2. Have completed Form 5 or above, or successfully completed a Qualifications Framework (QF) level 3 Diploma / Certificate programme or equivalent qualification;
3. Be able to communicate in Cantonese;
4. Be currently or previously employed as an engineering technical supervisor, site representative, site supervisor or foreman; and
5. At least ONE years working experience in construction site.

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 25/001099/L3
Registration Validity Period : 01/09/2025 to 31/08/2030

Environmental & Heritage

Build expertise in environmental protection and heritage conservation for sustainable, compliant construction projects.

ACAT Embodied Carbon Management and Application of CIC Carbon Assessment Tool (CAT)

Learn embodied carbon trends, CIC CAT application, carbon reduction strategies, and industry best practices through real construction case studies.

i) Holder of a recognized certificate or equivalent qualification in building, construction, surveying, sustainability or equivalent discipline; and ii) At least 2 years' working experience in the construction industry or related fields; and iii) Have basic computer knowledge.

3 Hrs

$680

2026-11-25
2027-05-26

PCAT Practice of CIC Carbon Assessment Tool (CAT)

Learn CAT data input, carbon calculations, reporting techniques, and contractor case studies for construction project carbon assessment.

Applicants must have completed Embodied Carbon Management and Application of CIC Carbon Assessment Tool (CAT) programme.

2 Hrs

$610

2027-07-14

GOCZ Environmental Officer Course

Two-part certified Environmental Officer programme covering environmental laws, EMP implementation, pollution control and auditing, with examinations leading to recognised Environmental Officer qualification.

(i) Applicant must hold recognised Ordinary Certificate in either discipline of building, construction, civil, structural, surveying, environmental; or Certificate in Construction Safety Officer issued by HKIC (CIC/CITA); or Diploma in Occupational Safety and Health; or equivalent; and(ii) At least TWO years working experience in construction site.

114 Hrs

$6380

2026-11-17
2027-03-15
2027-07-23

GOMZ Environmental Management Course for Construction Managers

Learn environmental management requirements, implementation practices, and control measures for noise, air, water, and waste in construction projects.

Site management personnel including Project Manager, Contract Manager and Site Agent etc.

This training course is recognised by relevant Government departments and is one of the environmental management courses that need to be attended by contractor's management personnel as stated in the Government's contracts.D)

12.5 Hrs

$960

2026-11-25
2027-04-07
2027-07-21

Environmental & Heritage

Build expertise in environmental protection and heritage conservation for sustainable, compliant construction projects.

GOSZ Environmental Protection Course for Environmental Supervisors

Recognised by relevant Government departments, this two-module programme meets Environmental Supervisor qualification requirements and covers environmental protection and waste management practices.

30 Hrs

2026-09-18
2026-11-17

$2180

Site personnel who is assistant to carry out environmental works including supervisor and frontline supervision staff

STWQ Certificate in Supervision of Tree Works

Recognised under the Registration Scheme for Tree Management Personnel, this course equips supervisors with practical skills in tree preservation, protection, maintenance, risk assessment and safe tree work practices.

18 Hrs

2026-10-05
2027-04-14
2027-01-18

$1560

2027-07-05

i. Supervisor or Foreman or construction industry practitioner engaging in tree-related works; ii. Able to read and write Chinese

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000821/L3
Registration Validity Period : 01/09/2026 to 31/08/2031

CBHZ Certificate in Understanding and Repair Technique of Built Heritage

Recognised by the Hong Kong Institute of Construction Managers (HKICM) for Continuing Professional Development (CPD), this course develops practical knowledge of built heritage conservation, traditional construction methods, repair techniques, maintenance, and heritage preservation practices.

24 Hrs

2027-03-03

$1890

Current building maintenance and repair management personnel who hold a recognised Ordinary Certificate or higher qualification in a construction-related discipline, with at least three years of relevant work experience.



Civil Works

Master advanced civil engineering techniques and quality standards for successful project delivery.

CONSTRUCTION TECHNOLOGY AND QUALITY

CRLZ Construction Work on Reclaimed Land in Hong Kong

Recognised by both HKICW and HKICM for CPD requirements, this course covers ground treatment methods, piling works, settlement control, safety measures, and modern engineering solutions for construction on reclaimed land.

Construction Manager, Engineer, Site Superintendent, Supervisor, Contractor or Persons with relevant working experience

9 Hrs

2026-11-27

$930

SFCZ Shotfirer Training Course

Equip construction practitioners with blasting theory, explosives handling, safety procedures and certification knowledge for professional shotfiring operations.

Successful completion of this programme is one of the criteria for application for the “Mine Blasting Certificate” issued by the Civil Engineering and Development Department.

1. Completion of Form 3 or equivalent;2. Two years of work experience in the construction industry; and3. Able to read and write Chinese. 4. Applicants who do not meet the requisite academic qualification must pass the Chinese and English test of the Hong Kong Institute of Construction.

35 Hrs

2027-06-15

$4060

SFCR Shotfirer Refresher Training Course

Refresh knowledge of explosives; Refresh safety for blasting operation

Completion of this course may fulfill one of the renewal conditions for applying for Mines Blasting Certificate from CEDD. For details, please refer to the Mines Division Practice Note No.3, particularly sections 5, 5.1 and 5.2.

Note: If the relevant refresher course approved by the Superintendent of Mines under CEDD is completed within 12 months, the written examination may be exempted when applying for the renewal of the ‘Mine Blasting Certificate’. However, this course does not include specific shotfiring equipment (e.g. electronic detonators); therefore, holders of the ‘Mine Blasting Certificate’ who are specified as operators of specific shotfiring equipment may need to take part in the written examination arranged by the Mining Division of CEDD when applying for renewal.

17 Hrs

2027-07-06

$2180

Building Works

Strengthen technical expertise and quality standards for excellence in building construction and maintenance.

DBSZ Demolition of Building Course For Supervisors / Foremen

The course content includes Introduction to Demolition of Building; Contract Requirements and Legal Responsibilities; Survey of Building before Demolition; Potential Hazards; Adjacent Buildings, Traffic and Slope; Preparation Works; Organization of Demolition Team; Communication Channels; Records, Reports, Safety Training; Emergency Reporting Procedure; Demolition Procedures; Safety Procedures in Demolition; Removal of Demolition Debris and Disposal of Substances; Related Legislation; Safety Works.

30 Hrs

2027-07-21

$1910

The course is recognised by the Buildings Department.
The course is recognised by the Hong Kong Institute of Construction Managers (HKICM) fulfilling the requirements of Continuing Professional Development (CPD).

(i) Supervisor with 4 years relevant experience in building demolition work or Persons with working experience as foremen.(ii) Recommendation by the employer is preferred



Demolition of Building Course For Supervisors / Foremen

Building & Utilities Service

Develop technical expertise in building and utilities services systems and quality management to deliver safe, efficient, and high-performing built environments.

LDWZ Certificate in Leak Detection on Water Mains

Develop practical skills in underground water pipe leak detection, including survey techniques, equipment operation, investigation procedures, field practice, and report preparation.

28 Hrs

2027-04-13

Able to read and write Chinese, with relevant leak detection experience, or secondary education qualification plus industry experience.

$3680

Students should attended the whole course and complete and obtain pass in all individual assessments in order to be considered as having successfully completed the programme and receive the award of Certificate in Leak Detection on Water Mains. Remark： The Certificate is valid for 3 years

CONSTRUCTION TECHNOLOGY AND QUALITY



Certificate in Leak Detection on Water Mains

MiC

Ensure MiC project excellence through robust quality assurance, site inspection, and installation supervision practices.

MI1C Certificate in MiC Installation Quality Assurance, Site Inspection and Supervision

This programme aims to equip construction practitioners with the knowledge required for MiC installation quality assurance (QA), site inspection and supervision in Modular Integrated Construction (MiC) projects in Hong Kong. It covers the MiC installation quality assurance, site inspection and supervision practices throughout the MiC project lifecycle.

6 Hrs

$1800

2026-12-02
2027-02-24
2027-05-19
2027-08-18

1) 18 years old or older (based on graduation date)
2) Higher Diploma in a construction-related subject; or equivalent
3) Speaks fluent Cantonese
4) Able to communicate in Cantonese and English
5) Able to read English
6) Able to write English
7) Has 1 year of relevant work experience on construction sites

CONSTRUCTION TECHNOLOGY AND QUALITY



MiC

Ensure MiC project excellence through robust quality assurance, site inspection, and installation supervision practices.

MICF Certificate in Modular Integrated Construction (MiC) for Foreman

The course content includes responsibility, duty and professional conduct of foreman; method and workflow of MiC; reliable quality and quality control; construction cycle; site layout; work arrangement and safety use of cranes; transportation, receipt, storage, lifting and assembly of integrated modules; changes in works and roles of a foreman; site safety and environment protection requirement; levelling & surveying and use of related equipment; use of BIM on MiC; site visit and “Basic Safety Appreciation Course for Crane Operation for Front Line Management”.

2026-09-15
2026-12-01
2027-03-09
2027-06-15

55.5 Hrs

$4380

Applicant should be employed as a foreman working in construction site and with at least 3 years working experience in construction industry. Equipped with good written skill in Chinese.

Note:
MICF course fee does not include the "Certificate in Crane Operation Safety for Front Line Management Staff" (FSCF)
(Please note that the admission requirements for the MICF programme have been updated. Applicants must first complete the Certificate in Crane Operation Safety for Front Line Management Staff (FSCF) and obtain the certificate before they can enrol in the MICF programme.)





Construction Supervision and Safety

Strengthen construction supervision and safety management skills for effective site control and risk prevention.

HYLZ Highways Department Site Audit Inspection Standards (Safety & Roadwork Obligations) Course

Conditions of Excavation Permit; Lighting, Signing and Guarding of Road Excavation Works; Site Audit Inspection Checklist.

This course is recognised by the Highways Department
The course is recognised by the Hong Kong Institute of Construction Managers (HKICM) fulfilling the requirements of Continuing Professional Development (CPD).

For Roadwork Supervision Persons

8 Hrs

$820

2026-11-07
2027-03-13
2027-07-10

FPPZ Fire Prevention and Protection in Building Course

Learn fire prevention principles, building fire protection systems, regulatory requirements, and practical measures to enhance building fire safety.

The course is recognised by the Hong Kong Institution of Engineers (HKIE) fulfilling the requirements of Continuing Professional Development (CPD)

For Site representative, Site agent, Supervisor, Contractors of building maintenance or Persons with relevant working experience

9 Hrs

$930

2026-10-07

WRPZ Waterproofing and Leakage Repair Works Course for Supervisory Personnel

This course covers waterproofing systems, leakage testing, repair methods, and supervision practices for building and civil engineering works.

For Building, Construction or Civil Engineer; Site Agent or Supervisor

The course is recognised by the Hong Kong Institution of Construction Managers (HKICM) fulfilling the requirements of Continuing Professional Development (CPD)

15 Hrs

$1380

2026-12-03
2027-07-16

CONSTRUCTION TECHNOLOGY AND QUALITY

Diagnosis and Detection

Master diagnostic and detection techniques to identify defects, determine root causes, and support effective remediation.

RCRZ Reinforced Concrete - Defect Diagnosis and Remedy Course

Learn defect investigation, condition assessment, testing methods, and repair strategies for reinforced concrete deterioration and structural durability enhancement.

The course is recognised by the Hong Kong Institute of Construction Managers (HKICM) fulfilling the requirements of Continuing Professional Development (CPD).

For Supervisor, Specialist contractor of concrete repairing or Persons with relevant working experience

12 Hrs

2027-08-16

$1120

SSMZ Slope Stability and Slope Maintenance Course

This course covers slope investigation, stability assessment, monitoring, maintenance technologies, regulations, and site supervision.

The course is recognised by the Hong Kong Institution of Engineers (HKICM) fulfilling the requirements of Continuing Professional Development (CPD)

For Supervisor, Slope Maintenance Contractor, or relevant work experience

12 Hrs

2027-06-03

$1120

CONSTRUCTION TECHNOLOGY AND QUALITY

With the upcoming Development Bureau BIM submission roadmap, how can I strengthen my BIM skills to meet future project requirements?

"SPDC offers BIM courses that equip practitioners with the latest BIM modelling, coordination, information management, CDE, Digital Twin, and digital construction skills, helping you prepare for evolving BIM submission requirements and industry digitalisation initiatives."

BUILDING INFORMATION MODELLING (BIM)

- Elementary p.41
- Advanced p.44
- Specialist p.46
- Tasks Focus p.48
- Profession & Qualification p.54

BUILDING INFORMATION MODELLING (BIM)

BIM in Hong Kong: What's Shaping the Next Wave

Way with Roadmap.

From Mandate to Maturity

"BIM is no longer merely required — it's expected."

Building Information Modelling is entering a new chapter in Hong Kong. What began as a government-led requirement for selected public projects is rapidly becoming the industry standard for digital delivery. With the Development Bureau's BIM Roadmap, enhanced electronic submission platforms, automated checking tools, and the target of full BIM adoption for building plan submissions by 2029, BIM is no longer simply about compliance. It has become a core professional competency.

More about BIM Submission.

Certificate of Building Information Modelling (BIM) Use in Drawing Generation (General Building Plans) (Day Time)





Buildings Department
BIM Area Tool, SF Tool and FS Tool

Organisations increasingly expect practitioners to understand digital collaboration, statutory BIM submissions, data management, and cross-disciplinary coordination. In today's construction environment, BIM is not an advantage. It is the expectation.

Digital Shift

BIM : Way to Mainland

As Hong Kong advances towards BIM-based statutory submissions and digital project delivery, practitioners must develop BIM competencies that align with regional digital construction practices. Mastering BIM, open standards and digital coordination helps professionals connect with opportunities across the Greater Bay Area and Mainland China.

More about Mainland BIM

Certificate in BIM Basic Structural Modelling and Basic Analysis with Revit, Tekla Structures and YJK.

BUILDING INFORMATION MODELLING (BIM)

BIM # Roadmap 2029

Elementary

Explore a variety of BIM software and workflows to build a strong foundation in digital construction and collaboration.

BRDZ Building Information Modelling (BIM) Basic Modelling Course - Revit (Day Time)

Learn BIM modelling fundamentals using Revit, including 3D model creation, project documentation, coordination workflows, and digital construction practices.

30 Hrs | 2026-10-08

Have basic computer literacy skills. Experienced in construction industry is highly preferred. Good command of English is required.

$2410

BIMZ Building Information Modelling (BIM) Basic Modelling Course - Revit (Part Time)

Learn BIM modelling fundamentals using Revit, including 3D model creation, project documentation, coordination workflows, and digital construction practices.

30 Hrs | 2026-09-21

Have basic computer literacy skills. Experienced in construction industry is highly preferred. Good command of English is required.

$2410

BUILDING INFORMATION MODELLING (BIM)





Building Information Modelling (BIM) Basic Modelling Course - Revit

Elementary

Explore a variety of BIM software and workflows to build a strong foundation in digital construction and collaboration.

BRTE Building Information Modelling (BIM) Basic Course in Rebar Bending & Fabrication - Tekla Structures (Part Time)

Learn Tekla Structures for rebar detailing, bending schedules, fabrication workflows, clash coordination, and constructible reinforcement modelling practices.

3 Hrs

T.B.A.

Completed S.3 Level or above and; At least one year of work experience in rebar construction or related industry, or in structural design or related task.; Experience with using a Windows PC preferable.

$790

BCCZ Building Information Modelling (BIM) Basic Modelling Course (Civil) - Bentley (Part Time)

Learn Bentley BIM fundamentals for civil infrastructure projects, including 3D modelling, design coordination, documentation, and digital workflows.

30 Hrs

2027-08-24

Have basic computer literacy skills. Experienced in construction industry is highly preferred.Good command of English is required.

$2410

BUILDING INFORMATION MODELLING (BIM)





Building Information Modelling (BIM) Basic Course in Rebar Bending & Fabrication - Tekla Structures

Elementary

Explore a variety of BIM software and workflows to build a strong foundation in digital construction and collaboration.

BMAZ Building Information Modelling (BIM) Basic Modelling Course - ArchiCAD (Day Time)

Learn ArchiCAD BIM modelling fundamentals, creating intelligent 3D building models, documentation, coordination workflows, and digital construction deliverables.

30 Hrs | 2027-02-20

Have basic computer literacy skills. Experienced in construction industry is highly preferred. Good command of English is required.

$2410

BAEZ Building Information Modelling (BIM) Basic Modelling Course - ArchiCAD (Part Time)

Learn ArchiCAD BIM modelling fundamentals, creating intelligent 3D building models, documentation, coordination workflows, and digital construction deliverables.

30 Hrs | 2027-06-15

Have basic computer literacy skills. Experienced in construction industry is highly preferred. Good command of English is required.

$2410

BCDZ Building Information Modelling (BIM) Basic Modelling Course (Civil) - Civil 3D (Day Time)

Learning and understanding the Civil 3D interface; Basic Operation; Create Parcel; Survey; Surface creation; Roadway design; Plan production and analysis.

30 Hrs | 2026-11-07

Have basic computer literacy skills. Experienced in construction industry is highly preferred.Good command of English is required.

$2410

BCEZ Building Information Modelling (BIM) Basic Modelling Course (Civil) - Civil 3D (Part Time)

Learning and understanding the Civil 3D interface; Basic Operation; Create Parcel; Survey; Surface creation; Roadway design; Plan production and analysis.

30 Hrs | 2027-04-26

Have basic computer literacy skills. Experienced in construction industry is highly preferred.Good command of English is required.

$2410

BUILDING INFORMATION MODELLING (BIM)

Advanced

Advance your BIM expertise with discipline-specific workflows for Architecture, Structure, Civil, Building Services, and Digital Construction.

BIBQ Certificate in Building Information Modelling (BIM) Advanced Modelling (Architecture) with Revit (Day Time)

Develop advanced architectural BIM modelling skills using Revit, covering complex building design, documentation, coordination, and project delivery workflows.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years architectural experience is preferable.

30 Hrs

2026-11-18
2027-06-04

$3280

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000819/L3
Registration Validity Period : 01/09/2026 to 31/08/2031

BIAQ Certificate in Building Information Modelling (BIM) Advanced Modelling (Architecture) with Revit (Part Time)

Develop advanced architectural BIM modelling skills using Revit, covering complex building design, documentation, coordination, and project delivery workflows.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years architectural experience is preferable. Good command of English is required.

30 Hrs

2027-04-26

$3280

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000819/L3
Registration Validity Period : 01/09/2026 to 31/08/2031

BUILDING INFORMATION MODELLING (BIM)

BIDZ Building Information Modelling (BIM) Advanced Modelling Course (MEP) - Revit (Day Time)

Develop advanced MEP BIM modelling skills using Revit for systems coordination, clash detection, documentation, and efficient project delivery.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years servicel engineering experience is preferable. Good command of English is required. *Please refer to CIC BIM Basic Modelling Course – Revit for information

30 Hrs

2026-12-01
2027-08-26

$3280

BIEZ Building Information Modelling (BIM) Advanced Modelling Course (MEP) - Revit (Part Time)

Develop advanced MEP BIM modelling skills using Revit for systems coordination, clash detection, documentation, and efficient project delivery.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years servicel engineering experience is preferable. Good command of English is required. *Please refer to CIC BIM Basic Modelling Course – Revit for information

30 Hrs

2027-03-24
2027-07-28

$3280

Advanced

Advance your BIM expertise with discipline-specific workflows for Architecture, Structure, Civil, Building Services, and Digital Construction.

BICQ Certificate in Building Information Modelling (BIM) Advanced Modelling (Structural) with Revit (Day Time)

Develop advanced structural BIM modelling skills using Revit for reinforcement detailing, coordination, documentation, and efficient structural project delivery.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years structural engineering experience is preferable.

30 Hrs

2027-01-12

2027-06-29

$3280

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000820/L3
Registration Validity Period : 01/09/2026 to 31/08/2031

BISQ Certificate in Building Information Modelling (BIM) Advanced Modelling (Structural) with Revit (Part Time)

Develop advanced structural BIM modelling skills using Revit for reinforcement detailing, coordination, documentation, and efficient structural project delivery.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years structural engineering experience is preferable.

30 Hrs

2027-06-23

$3280

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 3
QF Registration No. : 26/000820/L3
Registration Validity Period : 01/09/2026 to 31/08/2031

BUILDING INFORMATION MODELLING (BIM)

B3DZ Building Information Modelling (BIM) Advanced Modelling Course (Civil) - Civil 3D (Day Time)

Develop advanced Civil 3D BIM skills for infrastructure modelling, corridor design, terrain analysis, documentation, and civil project coordination.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years civil engineering experience is preferable. Good command of English is required.*Please refer to CIC BIM Basic Modelling Course – Revit for information

30 Hrs

2026-09-21

$3280

B3EZ Building Information Modelling (BIM) Advanced Modelling Course (Civil) - Civil 3D (Part Time)

Develop advanced Civil 3D BIM skills for infrastructure modelling, corridor design, terrain analysis, documentation, and civil project coordination.

Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years civil engineering experience is preferable. Good command of English is required.*Please refer to CIC BIM Basic Modelling Course – Revit for information

30 Hrs

2027-02-22

$3280

Specialist

Master specialised BIM applications to enhance discipline-specific expertise, workflow efficiency, and digital project delivery capabilities.

BPDA Building Information Modelling (BIM) in Plumbing and Drainage - Revit (Day Time)

Learn Revit-based BIM workflows for plumbing and drainage systems, including modelling, coordination, documentation, and building services integration.

38.5 Hrs | 2027-05-05

Completion of a BIM software/ platform training course at operation level as recognised by CIC OR possession of any certification of BIM software at operation level issued by respective software developers; and· Basic knowledge of plumbing and drainage; and· At least one year of work experience in plumbing and drainage industry.

$3980

BPDP Building Information Modelling (BIM) in Plumbing and Drainage - Revit (Part Time)

Learn Revit-based BIM workflows for plumbing and drainage systems, including modelling, coordination, documentation, and building services integration.

38.5 Hrs | 2026-11-11

Completion of a BIM software/ platform training course at operation level as recognised by CIC OR possession of any certification of BIM software at operation level issued by respective software developers; and· Basic knowledge of plumbing and drainage; and· At least one year of work experience in plumbing and drainage industry.

$3980

BNFA Certificate in Building Information Modelling (BIM) Navisworks Usage for Frontline Staff of Construction Works (Day Time)

Learn Navisworks for BIM model review, clash detection, construction coordination, and effective communication among frontline project teams.

12 Hrs | 2027-06-22

Suitable for frontline construction personnel with relevant industry experience and basic BIM knowledge

$1390

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 2
QF Registration No. : 25/001087/L2
Registration Validity Period : 01/09/2025 to 31/08/2030

BNFP Certificate in Building Information Modelling (BIM) Navisworks Usage for Frontline Staff of Construction Works (Part Time)

Learn Navisworks for BIM model review, clash detection, construction coordination, and effective communication among frontline project teams.

12 Hrs | 2027-04-20

Suitable for frontline construction personnel with relevant industry experience and basic BIM knowledge

$1390

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 2
QF Registration No. : 25/001087/L2
Registration Validity Period : 01/09/2025 to 31/08/2030

BUILDING INFORMATION MODELLING (BIM)

Specialist

Master specialised BIM applications to enhance discipline-specific expertise, workflow efficiency, and digital project delivery capabilities.

BFSD Certificate in Building Information Modelling (BIM) - Fire Service with Revit (Day Time)

Learn Revit-based BIM modelling for fire services systems, including coordination, documentation, compliance requirements, and efficient project delivery.

32.5 Hrs | 2027-06-14

Completion of a BIM software / platform training course at operation level as recognised by CIC or possession of any certification of BIM software at operation level issued by respective software developers; and
At least one year of work experience in fire service industry.

$2960

BFSE Certificate in Building Information Modelling (BIM) - Fire Service with Revit (Part Time)

Learn Revit-based BIM modelling for fire services systems, including coordination, documentation, compliance requirements, and efficient project delivery.

32.5 Hrs | T.B.A.

Completion of a BIM software / platform training course at operation level as recognised by CIC or possession of any certification of BIM software at operation level issued by respective software developers; and
At least one year of work experience in fire service industry.

$2960

BAMA Certificate in Building Information Modelling (BIM) for Asset Management (Day Time)

This programme aims to train industry practitioners to apply ISO 19650 standards for BIM-based asset management. It covers the practical skills for managing the information across the asset lifecycle.

24 Hrs | 2026-12-04

1. Completed recognised BIM training with valid certificate or official proof.
2. Hold a construction-related diploma or equivalent recognised qualification.
3. Possess one year relevant industry experience or EMSD traineeship.

$2490

BAMP Certificate in Building Information Modelling (BIM) for Asset Management (Part Time)

This programme aims to train industry practitioners to apply ISO 19650 standards for BIM-based asset management. It covers the practical skills for managing the information across the asset lifecycle.

24 Hrs | 2027-04-15

1. Completed recognised BIM training with valid certificate or official proof.
2. Hold a construction-related diploma or equivalent recognised qualification.
3. Possess one year relevant industry experience or EMSD traineeship.

$2490

BUILDING INFORMATION MODELLING (BIM)

Task Focus

Learn BIM through practical project tasks, from model coordination and automation to submissions, clash detection, reporting, and asset management.

BNDZ Building Information Modelling (BIM) Course - Navisworks (Day Time)

Learn Navisworks for BIM model review, clash detection, coordination management, construction simulation, and project communication across multidisciplinary teams.

Have basic computer literacy skills. Experienced in construction industry is highly preferred.

18 Hrs

2027-02-25

$2200

BNEZ Building Information Modelling (BIM) Course - Navisworks (Part Time)

Learn Navisworks for BIM model review, clash detection, coordination management, construction simulation, and project communication across multidisciplinary teams.

Have basic computer literacy skills. Experienced in construction industry is highly preferred.

18 Hrs

T.B.A.

$2200

BOEZ Building Information Modelling (BIM) Objects Development Course (Part Time)

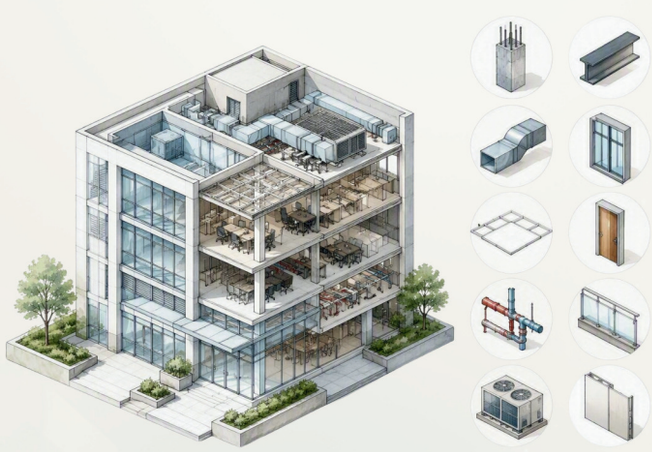
Learn BIM object creation and development, covering parametric families, data integration, standardisation, and efficient digital project delivery.

Basic knowledge* with hands-on experience in Revit is required. Good command of English isrequired.*Please refer to CIC BIM Basic Modelling Course – Revit for information

21 Hrs

2027-06-29

$2200



Task Focus

Learn BIM through practical project tasks, from model coordination and automation to submissions, clash detection, reporting, and asset management.

BDAZ Certificate in Building Information Modelling (BIM) Data Management with Dynamo (Day Time)

Learn Dynamo visual programming for BIM data management, workflow automation, information processing, and efficient project information delivery.

Basic knowledge of Revit.

24 Hrs

2027-01-06

$5300

BDPZ Certificate in Building Information Modelling (BIM) Data Management with Dynamo (Part Time)

Learn Dynamo visual programming for BIM data management, workflow automation, information processing, and efficient project information delivery.

Basic knowledge of Revit.

24 Hrs

2027-05-24

$5300

BFDZ Building Information Modelling (BIM) Course (Design, Analysis, Construction Management and Collaboration) - Fuzor (Day Time)

This is a training course focusing on introducing how to use Fuzor for design, analysis, construction management and collaboration.

Have basic computer literacy skills. Experienced in construction industry is highly preferred.

15 Hrs

2026-12-11

$2200

BFEZ Building Information Modelling (BIM) Course (Design, Analysis, Construction Management and Collaboration) - Fuzor (Part Time)

This is a training course focusing on introducing how to use Fuzor for design, analysis, construction management and collaboration.

Have basic computer literacy skills. Experienced in construction industry is highly preferred.

15 Hrs

2027-05-19

$2200

BUILDING INFORMATION MODELLING (BIM)

Task Focus

Learn BIM through practical project tasks, from model coordination and automation to submissions, clash detection, reporting, and asset management.

BGPD Certificate of Building Information Modelling (BIM) Use in Drawing Generation (General Building Plans) (Day Time)

Introduces Revit-based BIM workflows for General Building Plan submission, covering drawing standards, schedules, amendments, and regulatory compliance.

Completion of a BIM software/platform training course at operation level as recognised by CIC, OR possession of any certification of BIM software at operation level issued by respective developers; and At least one year of work experience in construction or related industry.

15 Hrs

2027-04-17

2027-08-17

$1500

BGPE Certificate of Building Information Modelling (BIM) Use in Drawing Generation (General Building Plans) (Part Time)

Introduces Revit-based BIM workflows for General Building Plan submission, covering drawing standards, schedules, amendments, and regulatory compliance.

Completion of a BIM software/platform training course at operation level as recognised by CIC, OR possession of any certification of BIM software at operation level issued by respective developers; and At least one year of work experience in construction or related industry.

15Hrs

2026-01-28

$1500

BUILDING INFORMATION MODELLING (BIM)





Certificate of Building Information Modelling (BIM) Use in Drawing Generation (General Building Plans) (Day Time)

Task Focus

Learn BIM through practical project tasks, from model coordination and automation to submissions, clash detection, reporting, and asset management.

BSFD Certificate of BIM Use in Drawing Generation (Superstructure, Foundation & Demolition Plans) – Revit (Day Time)

Develop Revit-based BIM skills for superstructure, foundation and demolition plan production, covering drawing standards, templates, annotations and statutory submissions.

16 Hrs

2026-11-12

At least one year of work experience in construction project required statutory plan submissions to the Buildings Department (including superstructure and / or foundation and / or demolition plans); and Possession of any certification of BIM software training programme at operation level issued / recognised by the CIC or issued by respective software developers.

$2780

BSFE Certificate of BIM Use in Drawing Generation (Superstructure, Foundation & Demolition Plans) – Revit (Part Time)

Develop Revit-based BIM skills for superstructure, foundation and demolition plan production, covering drawing standards, templates, annotations and statutory submissions.

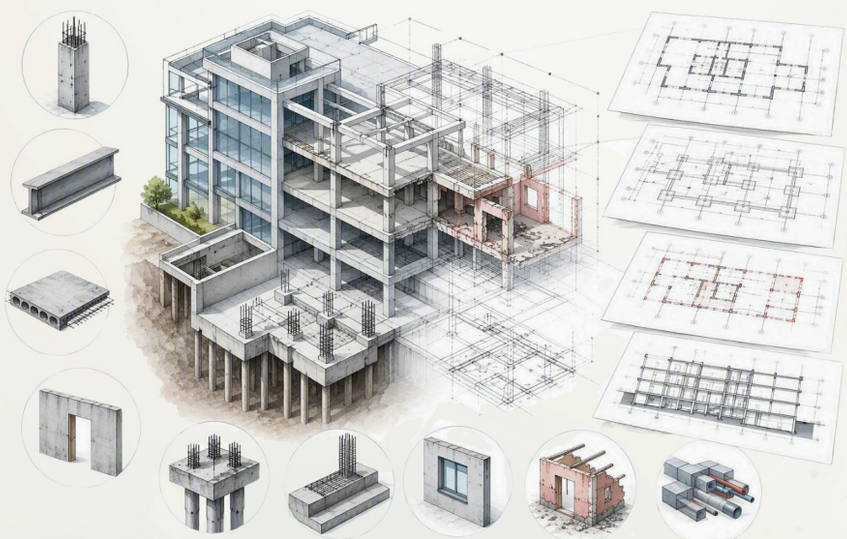
16 Hrs

2027-07-19

At least one year of work experience in construction project required statutory plan submissions to the Buildings Department (including superstructure and / or foundation and / or demolition plans); and Possession of any certification of BIM software training programme at operation level issued / recognised by the CIC or issued by respective software developers.

$2780

BUILDING INFORMATION MODELLING (BIM)



Task Focus

Learn BIM through practical project tasks, from model coordination and automation to submissions, clash detection, reporting, and asset management.

BTYD Certificate in BIM Basic Structural Modelling and Basic Analysis with Revit, Tekla Structures and YJK (Day Time)

Learn structural BIM modelling and analysis using Revit, Tekla Structures and YJK, covering detailing, drawings, collaboration and workflows.

20 Hrs

2027-03-09

Applicants aged 18 or above with relevant qualifications, structural engineering experience, and proficiency in Cantonese and English.

$1460

BTYE Certificate in BIM Basic Structural Modelling and Basic Analysis with Revit, Tekla Structures and YJK (Part Time)

Learn structural BIM modelling and analysis using Revit, Tekla Structures and YJK, covering detailing, drawings, collaboration and workflows.

20 Hrs

2027-01-13

Applicants aged 18 or above with relevant qualifications, structural engineering experience, and proficiency in Cantonese and English.

$1460

BUILDING INFORMATION MODELLING (BIM)

Task Focus

Learn BIM through practical project tasks, from model coordination and automation to submissions, clash detection, reporting, and asset management.

DT1C Certificate in Unreal Engine for Digital Twin and Construction Applications

Learn Unreal Engine for digital twin applications, integrating 3D GIS, AI, and construction technologies to enhance future-ready workflows.

4 Hrs | 2026-08-26

QF Level 4 construction qualification or equivalent, Cantonese/English proficiency required; preference given to candidates with BIM experience.

$980

BQ1C Certificate in Building Information Modelling (BIM) Quantity Takeoff with Cubicost

Master Cubicost for BIM quantity takeoff, measurement and 5D Bill of Quantities preparation across building and MEP disciplines.

27 Hrs | 2026-09-30

Able to communicate in Cantonese and English, possess basic BIM software skills, with one year construction experience preferred.

$3000

BTND Certificate of Building Information Modelling (BIM) Viewer in Trimble Connect and Navisworks Freedom (Day Time)

This course aims to equip construction practitioners with basic operational skills in using Building Information Modelling (BIM) viewing software, as well as fundamental knowledge of BIM, in order to support and coordinate construction works.

6 Hrs | 2027-06-25

Basic computer literacy (e.g., ability to use word processing software, send and receive emails, and browse the internet).

$880

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 2
QF Registration No. : 25/000443/L2
Registration Validity Period : 27/03/2025 to 31/08/2030

BTNE Certificate of Building Information Modelling (BIM) Viewer in Trimble Connect and Navisworks Freedom (Part Time)

This course aims to equip construction practitioners with basic operational skills in using Building Information Modelling (BIM) viewing software, as well as fundamental knowledge of BIM, in order to support and coordinate construction works.

2027-04-27

6 Hrs

Basic computer literacy (e.g., ability to use word processing software, send and receive emails, and browse the internet).

$880

資歷架構 Qualifications Framework

This programme is recognized under the Hong Kong Qualifications Framework.
QF Level : 2
QF Registration No. : 25/000443/L2
Registration Validity Period : 27/03/2025 to 31/08/2030

Profession & Qualification

A structured BIM learning journey leading to professional roles in BIM coordination, management and digital project delivery.

BMCD Professional Certificate for Building Information Modelling (BIM) Coordinator (Day Time)

To train up the project coordinator to master necessary BIM knowledge, and to satisfy the requirement of completing a CIC-Accredited BIM Coordinator Course for applying for certification of BIM Coordinator.

48 Hrs

2027-01-06

$7300

1. Holder of a recognised diploma or above qualification in architecture, engineering, surveying, building or construction, offered by a post-secondary institution, or equivalent; and
2. Have at least two years' experience in relevant fields of project coordination in construction industry; and
3. Completion of at least one BIM software/platform training course at operation level as recognised by CIC, OR possession of any certification of BIM software at operation level issued by respective software developers.

BMCE Professional Certificate for Building Information Modelling (BIM) Coordinator (Part Time)

To train up the project coordinator to master necessary BIM knowledge, and to satisfy the requirement of completing a CIC-Accredited BIM Coordinator Course for applying for certification of BIM Coordinator.

48 Hrs

2027-02-23

$7300

1. Holder of a recognised diploma or above qualification in architecture, engineering, surveying, building or construction, offered by a post-secondary institution, or equivalent; and
2. Have at least two years' experience in relevant fields of project coordination in construction industry; and
3. Completion of at least one BIM software/platform training course at operation level as recognised by CIC, OR possession of any certification of BIM software at operation level issued by respective software developers.

BUILDING INFORMATION MODELLING (BIM)



Profession & Qualification

A structured BIM learning journey leading to professional roles in BIM coordination, management and digital project delivery.

BMFZ Professional Certificate for Building Information Modelling (BIM) Manager (Day Time)

To train up the project managers and senior professionals to master necessary BIM knowledge, and to satisfy the requirement of completing a CIC-Accredited BIM Manager Course for applying for certification of BIM Manager.

39 Hrs

2027-02-18

2027-08-28

$10000

1)Holder of a recognised Higher Diploma or above qualification in architecture, engineering, surveying or construction, offered by a post-secondary institution, or equivalent; and
2)Have at least two years' experience in relevant fields of project management in construction industry, such as architecture, engineering, surveying or construction; and
3)Have basic BIM knowledge; and
4)Admission priority will be given to applicants who are eligible for registration as a CIC-certified BIM Manager.

BMNZ Professional Certificate for Building Information Modelling (BIM) Manager (Part Time)

To train up the project managers and senior professionals to master necessary BIM knowledge, and to satisfy the requirement of completing a CIC-Accredited BIM Manager Course for applying for certification of BIM Manager.

39 Hrs

2026-04-26

2026-07-28

$10000

1)Holder of a recognised Higher Diploma or above qualification in architecture, engineering, surveying or construction, offered by a post-secondary institution, or equivalent; and
2)Have at least two years' experience in relevant fields of project management in construction industry, such as architecture, engineering, surveying or construction; and
3)Have basic BIM knowledge; and
4)Admission priority will be given to applicants who are eligible for registration as a CIC-certified BIM Manager.

BUILDING INFORMATION MODELLING (BIM)



Profession & Qualification

A structured BIM learning journey leading to professional roles in BIM coordination, management and digital project delivery.

BTCD Professional Certificate for Building Information Modelling (BIM) Coordinator – Top Up (Day Time)

To train up the project coordinator to master necessary BIM knowledge, and to satisfy the requirement of completing a CIC-Accredited BIM Coordinator Course for applying for certification of BIM Coordinator.

13.5 Hrs | 2027-08-20

$1710

For whom completed the CIC-accredited BIM Manager Course.

BTCE Professional Certificate for Building Information Modelling (BIM) Coordinator – Top Up (Part Time)

To train up the project coordinator to master necessary BIM knowledge, and to satisfy the requirement of completing a CIC-Accredited BIM Coordinator Course for applying for certification of BIM Coordinator.

13.5 Hrs | 2027-05-18

$1710

For whom completed the CIC-accredited BIM Manager Course.

BTFZ Professional Certificate for Building Information Modelling (BIM) Manager - Top Up (Day Time)

To train up practitioners with the capabilities to be eligible as a CIC-Certified BIM Manager under the BIM Certification and Accreditation Schemes.

20 Hrs | 2027-03-20

$2250

For whom completed the CIC-accredited BIM Coordinator Course.

BTNZ Professional Certificate for Building Information Modelling (BIM) Manager - Top Up (Part Time)

To train up the project coordinator to master necessary BIM knowledge, and to satisfy the requirement of completing a CIC-Accredited BIM Coordinator Course for applying for certification of BIM Coordinator.

20 Hrs | 2027-06-14

$2250

For whom completed the CIC-accredited BIM Manager Course.

BUILDING INFORMATION MODELLING (BIM)

AI and robotics are transforming construction. How can I gain practical skills to stay competitive and improve site operations?

"HKIC's AI Tools for Construction and Drone Operation courses help practitioners apply AI, prompting techniques, and drone technologies to enhance productivity, site inspection, monitoring, data collection, and digital decision-making in modern construction projects."

AI & ROBOTIC

- Artificial Intelligence p.59
- Robotic p.60

AI & ROBOTIC

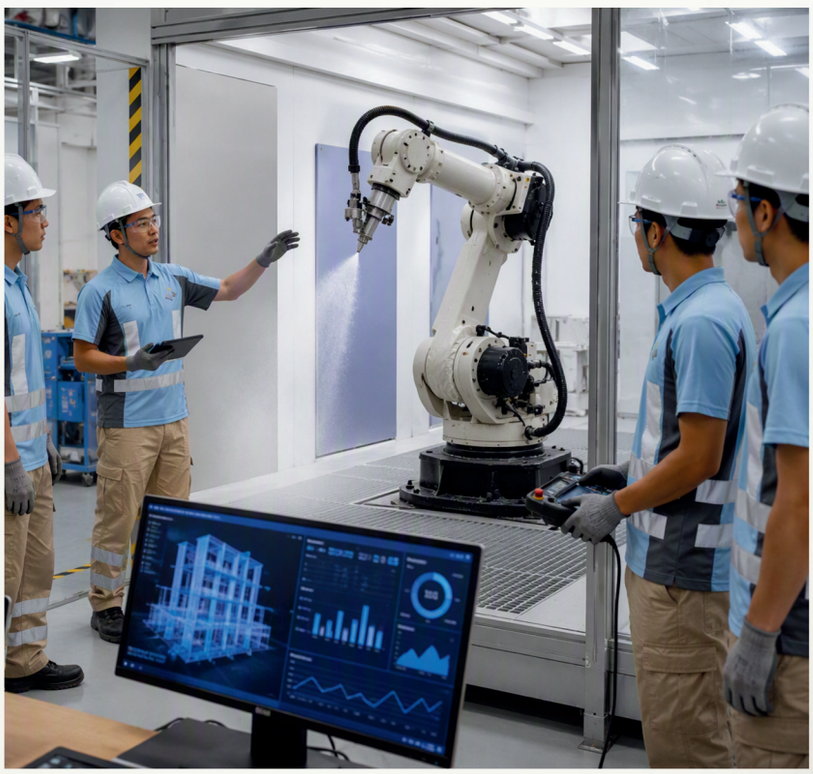
#LearnAIforConstruction

AI & Robotics:

Build Smarter. Deliver Faster.

AI & ROBOTICS: THE NEW CONSTRUCTION WORKFORCE

Artificial Intelligence and robotics are rapidly reshaping Hong Kong's construction industry. Supported by initiatives from the Development Bureau and the Construction Industry Council, the industry is accelerating the adoption of smart construction technologies to enhance productivity, safety, quality, and sustainability. From AI-powered design optimisation and project management to welding robots, painting robots, drones, autonomous logistics systems, and robotic inspections, construction is becoming more digital and intelligent than ever before. As labour shortages and increasing project complexity continue to challenge the industry, professionals who understand AI and robotics will be better positioned to lead innovation and drive the next generation of construction excellence.



SPDC AI & ROBOTICS COURSE

Stay ahead of the construction transformation. SPDC's AI & Robotics courses equip practitioners with practical knowledge on AI applications, automation technologies, and smart construction innovations shaping the industry's future.

FROM DIGITALISATION TO AUTOMATION

AI and robotics are transforming how projects are planned, built, monitored, and maintained. As smart construction becomes mainstream, practitioners must embrace emerging technologies to improve efficiency, safety, collaboration, and competitiveness in the rapidly evolving construction industry

AI & ROBOTIC

Artificial Intelligence

Harness AI to lead the new era of construction, driving smarter design, delivery, productivity and digital transformation.

AI1C Certificate in AI Tools for Construction: Essentials & Prompting Practice

1. Foundations of Generative AI: Overview of generative AI and LLMs; understanding key capabilities; learning effective prompting techniques for text-based construction tasks (e.g., site documentation, meeting notes)
2. Applied AI in Construction Tasks: Demonstration and hands-on practice using AI tools for generating presentations, reports, visual content, and solving domain-specific scenarios in construction

6 Hrs

2026-08-28

$980

- Proficient in communication in both Cantonese and English
- Capable of reading English
- Capable of writing Chinese and English
- Completion of Higher Diploma in a construction-related disciplines; or equivalent
- Applicants with at least one year of relevant construction industry experience will be given priority consideration.

AI2C Certificate in Agentic AI Strategy and Enterprise Transformation for Construction Leaders

1. Strategic Adoption of Generative AI in Construction: Executive-level overview of generative AI and prompting technologies; evaluating industry trends and organisational AI readiness; case studies on enterprise AI adoption across construction sectors.
2. Designing AI-Driven Transformation Frameworks: Application of AI strategy frameworks (e.g. agentic workflows); mapping construction process pain-points to automation opportunities; stakeholder engagement, governance, and implementation planning.
3. Executive AI Strategy Workshop: Interactive workshop guiding learners through the application of agentic AI tools and transformation strategy in their organisational context. Includes role play, hands-on tools exploration (e.g. AI workflow builders)

6 Hrs

2026-08-26

$980

- Proficient in communication in both Cantonese and English
- Capable of reading English, AND
- Being a member of professional institution in an architectural, surveying, engineering, construction management; OR Possessing 2 years of relevant experience in Construction Project Management or Digital Platform for Construction Project

AI & ROBOTIC

Robotic

Master robotics technologies driving the new era of construction, enhancing productivity, safety and smart site operations.

DOAC

Certificate in Basic Drone Operation and Application in Construction

Learn drone operation fundamentals and construction applications for site inspection, monitoring, data collection and improving project efficiency.

- Able to communicate effectively in Cantonese and/or English
- Able to read and write in English
- Applicants with relevant experience in the construction industry, including roles such as site foremen, coordinators, site supervisors, engineers, or other frontline and managerial positions will be given priority consideration.

3 Hrs

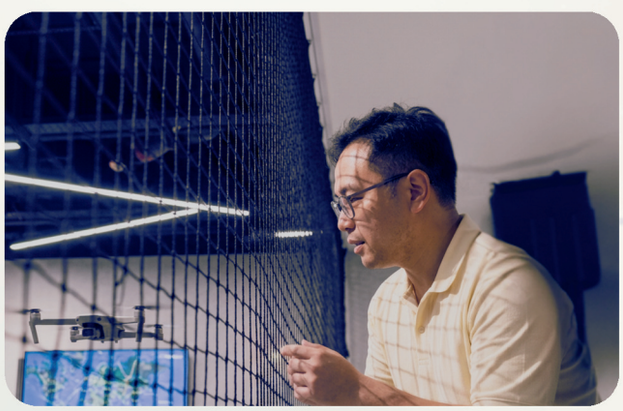
2026-08-17

$980



Certificate in Basic Drone Operation and Application in Construction



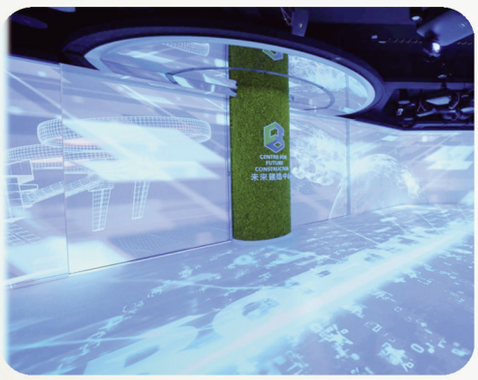


AI & ROBOTIC

APPENDIX

Centre for Future Construction 未來建造中心 (CFC)

"The future is here."





About CFC

The CIC establishes Centre for Future Construction (CFC) in supporting the industry to use technologies and develop the manpower for enhancing productivity and upgrading or transforming their operational processes. With over 10,000 square feet and located at 3/F, HKIC Kowloon Bay Campus, CFC comprises of a total of five technological hubs: Digital Twin Hub, Smart Site Safety System (4S) Hub, Immersive Hub, Artificial Intelligence (AI) Hub, and Robotic Hub, as well as a Training Theatre, primarily used for training purposes. CFC can offer an extensive range of opportunities for professional, students and other visitors to experience the latest technologies in an interactive and engaging way.

The missions

To provide a wide spectrum of training on the latest available technologies and skillsets; provide innovative, interactive and virtual experience to the visitors; and demonstrate the application of construction technologies.



建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

SPDC 建造專業

創新未來

FORGING PROFESSIONALISM
• INSPIRING INNOVATION

為香港建造業培訓有專業技術、有理論基礎、有安全意識、有創新意念、有工作熱誠並引以自豪的優秀團隊。

To nurture an accomplished workforce with sound professional skills, theoretical knowledge, safety awareness, innovative ideas, passion and pride for the construction industry of Hong Kong.

COURSE PROSPECTUS
2026-2027

https://www.hkic.edu.hk/en/about/spdc
spdc@hkic.edu.hk
+852 2100 9000

香港建造學院 HONG KONG INSTITUTE OF CONSTRUCTION

建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION