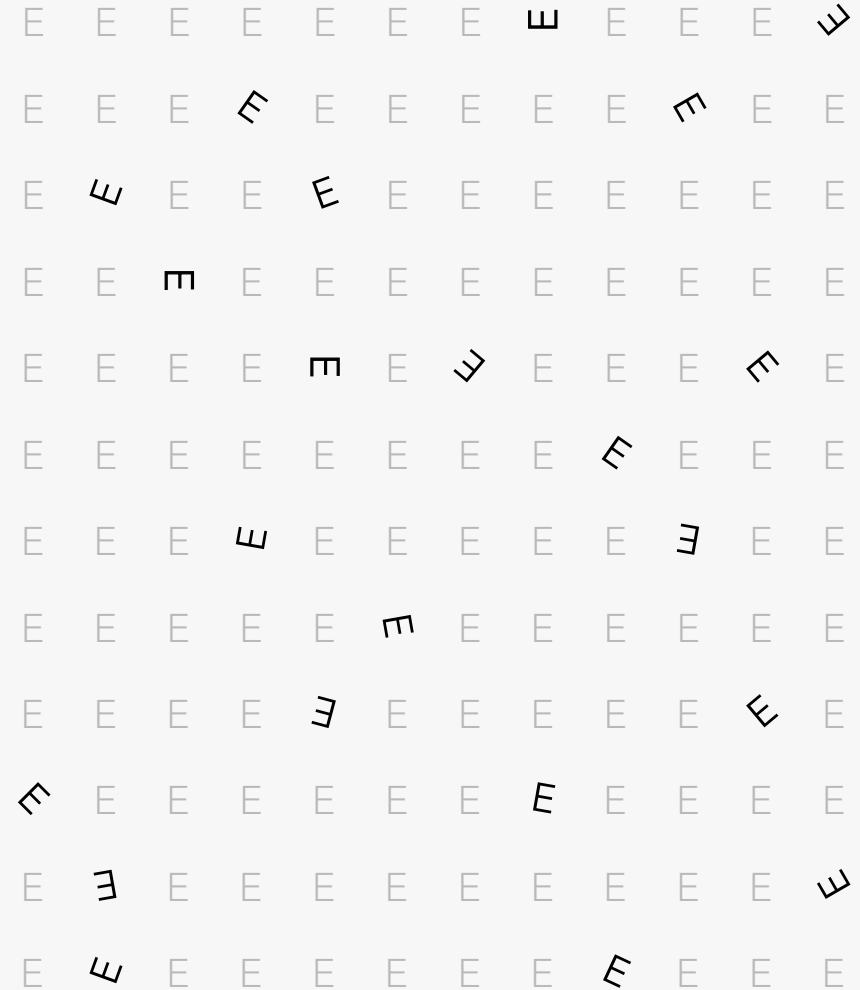


Certification of BIM Qualification



Objectives of certification



To facilitate members to continuously attain requisite certification or qualification to perform specified tasks or duties in the engineering field.

- Building Information Modelling
- Environmental Impact Assessment
- Air Modelling, Noise Modelling
- Plumbing
- Artificial Intelligence
-

Features of certification of BIM qualifications

Enhance capacity and competence of members in utilization of BIM

Core competencies specifically for members in addition to CIC core competencies

Streamlined procedures to obtain Eng BIM Pro & CCBM or Eng BIM Coord & CCBC in one application, fee and interview



BIM training with engineering elements befitting the needs of members

Info of Eng BIM Pro and/or Eng BIM Coord will be included in a public accessible register

BIM Training

- Accredited by the Construction Industry Council
- Offered by the Vocational Training Council via Hong Kong Institute of Vocational Education
- With content tailor-made for members
- HKIE members as guest lecturers to share their Discipline-specific BIM experience



HKIE Eng BIM Pro Course

Certificate for Building Information Modelling Manager

| 36 hours in 3 months | EG424129Q |

This accredited CCBM course is designed for professionals who are responsible for managing BIM projects and teams. It covers advanced topics such as BIM workflows, project management, and BIM coordination.

Programme Fee

\$15,000 (**\$6,000 after Vplus subsidy**) Info: https://vplus.vtc.edu.hk/eng/index_en.html

Application for Vplus: <https://vplus-scheme.vtc.edu.hk/application>

Attendance requirement

80%

Entry Requirements:

- (i) A HKIE member; AND
- (ii) Completion of a QF Level 4 or above programme that is deemed acceptable, with 2 years relevant working experience; AND
- (iii) Completion of basic BIM training



CIC ACCREDITED

BIM MANAGER COURSE

建造業議會認證建築信息模擬經理課程

HKIE Eng BIM Coord Course

Building Information Modelling for BIM Coordinator

| 45 hours in 3 months | CON4185X |

This accredited CCBC course is designed for professionals who are responsible for coordinating and managing BIM projects. It covers topics such as BIM implementation, data management, and collaboration.

Programme Fee

\$10,800 (**\$4,320 after Vplus subsidy**) Info: https://vplus.vtc.edu.hk/eng/index_en.html

Application for Vplus: <https://vplus-scheme.vtc.edu.hk/application>

Attendance requirement

80%

Entry Requirements:

- (i) A HKIE member; AND
- (ii) Five HKDSE subjects at Level 2 or above, including English and Chinese Languages, or equivalent with one year working experience; OR Five HKCEE subjects at Grade E/Level 2 or above, including English and Chinese Languages, or equivalent with two years working experience; OR Completion of a QF Level 3 programme or above that is deemed acceptable with one year working experience; OR Mature applicants, i.e. those aged 21 or above with at least two years relevant working experience, can be admitted upon passing an entrance assessment.



CIC ACCREDITED
BIM COORDINATOR COURSE
建造業議會認證建築信息模擬協調員課程

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
1	Possess the professional knowledge and expertise to serve as a BIM Team Leader in Engineering Practice, implementing BIM methodologies across various project stages.	--

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
2	<u>BIM Initiation:</u> ➤ Adeptness in initiating and leading the adoption of BIM standards (including ISO 19650) and methodologies specifically within engineering projects, ensuring alignment with local and global contexts. ➤ Ability to describe BIM concepts, definitions and scopes, BIM standards and guidelines in the Hong Kong and global contexts.	<u>BIM Initiation:</u> ➤ Ability to describe BIM concepts, definitions and scopes, BIM standards and guidelines in the Hong Kong and global contexts.
	<u>Minimum achieved level:</u> Level 2 = Possess knowledge and understanding of the subject and be competent to describe its applications and procedures.	

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
3	<u>BIM Software and Technologies:</u> ➤ Proficiency in evaluating and selecting appropriate BIM software, platforms, and emerging technologies (e.g., AI, Digital Twins, CSDI) to optimize engineering information production and modelling workflows. ➤ Ability to describe BIM software/platforms and their modelling and digital information development processes, and various technologies associated with BIM.	<u>BIM Software and Technologies:</u> ➤ Ability to describe BIM software/platforms and their modelling and digital information development processes, and various technologies associated with BIM.
	<u>Minimum achieved level:</u> Level 2 = Possess knowledge and understanding of the subject and be competent to describe its applications and procedures.	

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
4	<u>BIM Uses and Processes:</u> ➤ Expertise in formulating and managing engineering-specific BIM uses, workflows, and information requirements (OIR, AIR, EIR) throughout the project lifecycle to ensure successful delivery. ➤ Ability to explain BIM uses, processes and BIM software/platform utilisation, and to design and manage end-to-end BIM project workflows.	<u>BIM Uses and Processes:</u> ➤ Ability to explain BIM uses, processes and BIM software/platform utilisation, and to design and manage end-to-end BIM project workflows.
	<u>Minimum achieved level:</u> Level 4 = Able to lead and execute the subject without supervision and competently advise and mentor others.	

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
5	<u>Digital Information Management, Collaboration and Integration:</u> ➤ Competency in establishing and governing the Common Data Environment (CDE) and quality assurance procedures to ensure data integrity across multi-disciplinary engineering collaborations. ➤ Ability to plan, establish and manage Common Data Environment and data quality control systems for effective digital information management, exchange and utilisation in BIM projects.	<u>Digital Information Management, Collaboration and Integration:</u> ➤ Ability to plan, establish and manage Common Data Environment and data quality control systems for effective digital information management, exchange and utilisation in BIM projects.
	<u>Minimum achieved level:</u> Level 4 = Able to lead and execute the subject without supervision and competently advise and mentor others.	

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
6	<u>Commercial and Contractual Aspects:</u> ➤ Expertise in strategically advising on commercial implications, resource management, and contractual liabilities related to BIM implementation in engineering contracts. ➤ Ability to explain commercial and financial considerations, and comply with contractual issues related to BIM implementation.	<u>Commercial and Contractual Aspects:</u> ➤ Ability to explain commercial and financial considerations, and comply with contractual issues related to BIM implementation.
	<u>Minimum achieved level:</u> Level 4 = Able to lead and execute the subject without supervision and competently advise and mentor others.	

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
7	<u>Communication Skills:</u> ➤ Ability to apply effective communication skills to facilitate cross-disciplinary engineering coordination, conduct training, and present technical BIM solutions to stakeholders.	<u>Communication Skills:</u> ➤ Ability to apply effective interpersonal and communication skills in diverse professional settings, including presentations, meetings, reporting, training material development, etc.
	<u>Minimum achieved level:</u> Level 4 = Able to lead and execute the subject without supervision and competently advise and mentor others.	

Core Competencies of Eng BIM Pro

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
8	<u>Leadership, Management and Integrity Aspects:</u> ➤ Capability to lead and manage BIM teams with professionalism, upholding engineering ethics and integrity while fostering a collaborative culture.	<u>Leadership, Management and Integrity Aspects:</u> ➤ Ability to lead and manage subordinates for BIM implementation with professionalism, integrity and ethical behaviour upholding a high CIC standard.

Core Competencies of Eng BIM Coord

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
1	Possess the knowledge and capabilities in their respective engineering disciplines, functioning as an Eng BIM Coordinator in projects to facilitate horizontal coordination of project information between parties and disciplines, as well as vertical coordination between professionals and BIM technicians, across various project stages.	--

Core Competencies of Eng BIM Coord

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
2	<u>BIM Initiation:</u> ➤ Understand and apply BIM standards, guidelines, and concepts within the context of engineering disciplines.	<u>BIM Initiation:</u> ➤ Ability to describe BIM concepts, definitions and scopes, BIM standards and guidelines in Hong Kong and global contexts.
	<u>Minimum achieved level:</u> Level 2 = Possess knowledge and understanding of the subject and be competent to describe its applications and procedures.	

Core Competencies of Eng BIM Coord

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
3	<u>BIM Software and Technologies:</u> ➤ Proficiency in operating BIM software/platforms for engineering modelling and understanding associated technologies to support digital information development.	<u>BIM Software and Technologies:</u> ➤ Ability to operate BIM software/platforms in the modelling processes and digital information development, and describe various technologies associated with BIM.
	<u>Minimum achieved level:</u> Level 3 = Able to perform the subject independently or with minimal supervision.	

Core Competencies of Eng BIM Coord

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
4	<u>BIM Uses and Processes:</u> ➤ Competency in executing and administering assigned BIM uses and coordination tasks to support engineering design and construction delivery.	<u>BIM Uses and Processes:</u> ➤ Ability to understand BIM uses, processes, apply BIM software/platform in project contexts, and execute and administer assigned BIM tasks for individual or cross-disciplinary coordination.
	<u>Minimum achieved level:</u> Level 3 = Able to perform the subject independently or with minimal supervision.	

Core Competencies of Eng BIM Coord

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
5	<u>Digital Information Management, Collaboration and Integration:</u> ➤ Competency in administering the Common Data Environment (CDE) workflow and executing information exchange and maintain engineering data quality. ➤ Ability to execute and administer the operation of Common Data Environment and data quality control systems for effective digital information management, exchange and utilisation in BIM projects.	<u>Digital Information Management, Collaboration and Integration:</u> ➤ Ability to execute and administer the operation of Common Data Environment and data quality control systems for effective digital information management, exchange and utilisation in BIM projects.
	<u>Minimum achieved level:</u> Level 3 = Able to perform the subject independently or with minimal supervision.	

Core Competencies of Eng BIM Coord

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
6	<u>Communication Skills:</u> ➤ Ability to apply reasonable interpersonal and communication skills to participate in engineering coordination meetings and prepare BIM-related documentation.	<u>Communication Skills:</u> ➤ Ability to apply reasonable interpersonal and communication skills in meetings, reporting, training material development , etc.
	<u>Minimum achieved level:</u> Level 3 = Able to perform the subject independently or with minimal supervision.	

Core Competencies of Eng BIM Coord

The following updated HKIE and CIC core competencies have been adopted with effect from 1 October 2026.

	HKIE Core Competency	CIC Core Competency
7	<u>BIM Information Exchange knowledge:</u> Ability to handle the exchange of BIM information between parties with an emphasis on quality.	--

Streamlined procedure for assessment

- Applicants indicate if they wish to apply for CCBM/CCBC in the application form
- The application form will be copied to CIC for assessment
- Not required to pay an addition fee to CIC or undergo additional interview by CIC.
- CIC will notify applicant of the result directly

PLEASE NOTE:

- Renewal and appeal of CCBM/CCBC will be submitted to and processed by CIC separately

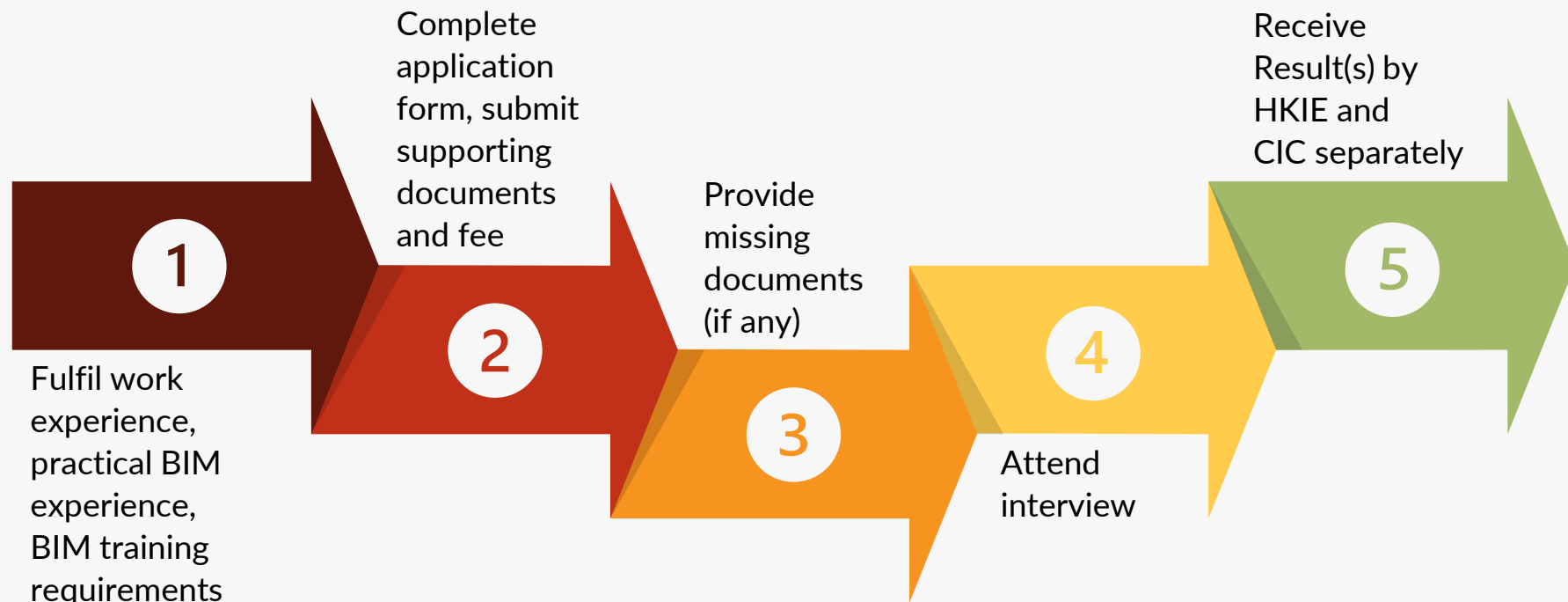
Criteria for Eng BIM Pro

- Corporate Members of the HKIE (FHKIE/MHKIE)
- Have no less than 2 years of BIM working experience in the past 5 years (including at least 6 months in HK)
- Completed “Certificate for Building Information Modelling Manager” (EG424129Q) offered by the VTC with content tailor-made for HKIE members

Criteria for Eng BIM Coord

- Corporate Members of the HKIE (FHKIE/ MHKIE) or Associate Members of the HKIE
- Have 3 years of full-time work experience (with at least 6 months stationed in HK)
- Have no less than 1 year of BIM working experience in the past 5 years (including at least 6 months in HK) in feasibility and planning, design, project coordination & administration etc., plus operation of the BIM project CDE
- Completed “Building Information Modelling for BIM Coordinator” (CON4185X) offered by the VTC with content tailor-made for HKIE members
- Completed BIM software/ platform training course in operation level as recognised by CIC, OR possession of any certification of BIM software in operation level issued by respective software developers OR any equivalent as accepted by CIC.

Application procedures



Notes to applicants

01

Certification of BIM project experience

Each BIM project experience is to be certified by a FHKIE/ MHKIE in your employer organisation who has knowledge and understanding of your work

Portfolio

A portfolio of work examples that demonstrates the applicant has gained at least 2 years of practical experience in BIM over the past 5 years (with a minimum of 6 months stationed in Hong Kong).

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Fees

Application:

- HK\$1,000 for Eng BIM Pro
- HK\$500 for Eng BIM Coord

Renewal:

- HKIE: HK\$250 per certification
- CIC: HK\$500 for CCBM and HK\$250 for CCBC (valid until 31 Dec 2026)

