

Implementation of the Competence-based Assessment for the Class of Associate Member and the Formal Training Scheme to Associate Membership in Competence-based Format

The Council approved the HKIE Competence Standard for Associate Membership. The competence-based system will be launched for the assessment of Associate Membership and the Formal Training Scheme to Associate Membership in April 2022.

The HKIE Competence Standard for Associate Membership

The following competences (in four broad areas, namely Applying Engineering Knowledge, Developing Technical Solutions, Managing Engineering Work and Upkeeping Professional Acumen) set the standard expected for those seeking recognition as Associate Members by undertaking a competence-based assessment administered by the HKIE.

1. Comprehend and apply knowledge of widely accepted and applied procedures, processes, systems or methodologies;
2. Comprehend and apply knowledge of widely accepted and applied procedures, processes, systems or methodologies that is specific to Hong Kong;
3. Identify, clarify and analyse broadly-defined engineering problems in accordance with good practice for engineering;
4. Design or develop solutions to broadly-defined engineering problems in accordance with good practice for engineering;
5. Be responsible for making recommendations and/or decisions on part or all of one or more broadly-defined engineering activities;
6. Organise engineering activities;
7. Identify and assess engineering risk;
8. Conduct engineering activities to an ethical standard prescribed by the HKIE;
9. Recognise the reasonably foreseeable social, cultural, health, safety, sustainability and environmental effects of broadly-defined engineering activities generally;
10. Communicate clearly and effectively on broadly-defined engineering activities with members of an engineering team;
11. Maintain the currency of engineering knowledge and skills;
12. Exercise sound judgement in the course of broadly-defined engineering activities.

Competence-based Assessment for Associate Membership

The competence-based assessments conducted by the HKIE require candidates to provide sufficient outcome evidence to demonstrate that they are able to consistently apply knowledge, understanding and skills to the standard expected of an Associate Member of the HKIE.

The Competence-based Assessment is applicable to applications for Associate membership submitted on or after 1 April 2022 and that candidates who submit the applications for resit of Assessment between 1 April 2022 and 31 December 2023 can choose to follow the same assessment system they have undergone or the competence-based assessment system. Once the candidate has chosen the Competence-based Assessment, the candidate is not allowed to revert back to the previous assessment system.

The relevant documents for the competence-based system for Associate Membership are available on the HKIE website at the following link.

https://hkie.org.hk/en/membership/download_mem2

Formal Training Scheme for Associate Membership in Competence-based Format

To align with the HKIE competence standard, the training objectives now rewritten in competence-based format have been mapped out for the Formal Training Scheme to Associate Membership which is available in six Disciplines, namely Building, Building Services, Civil, Electrical, Mechanical and Manufacturing, Industrial & Systems. The Training Objectives have been rewritten to Training Outcomes, and are included in the Consolidated Model Training Guides.

Formal Training Scheme to Associate Membership in Competence-based format is applicable to all trainees with training start date on or after 1 April 2022. The training documentation in competence format is available on the HKIE website at the following link.

[Consolidated Model Training Guides \(CMTG\) | HKIE](#)