

Admission Requirements for the Information Discipline

(Candidates must read this leaflet in conjunction with M3 Routes to Membership)

Candidates applying for the class of Member in the Information Discipline of the HKIE are required to satisfy the following:

1. Academic Requirement

The academic requirement for Member in the Information Discipline is:

- (i) a first degree (Honours) accredited by the Institution; or
- (ii) an accredited first degree as listed in the Washington Accord or Seoul Accord and maintained by the Institution; or
- (iii) other acceptable qualifications, such as passes in the Engineering Council (UK) Part II Examination. i.e. Part II (A), (B) and (C) up to and including year 2001.

Other Honours degree level qualifications in engineering or technology or combinations of academic qualifications may be considered for the class of Member based on an individual assessment. Candidates are required to complete Form 1/AQ. Please refer to section 2 of “M3 Routes to Membership” for details.

2. Training/Experience Requirement

Scope of Experience

The realm of experience in Information Engineering encompasses Software and Systems Engineering, and a huge variety of knowledge and practical skills which includes, inter alia,

- (i) Computer Systems, Architecture and Networking;
- (ii) Computations and Information Theory;
- (iii) Data Communications and Management;
- (iv) Telecommunications (for humans and computers);
- (v) Knowledge Engineering and Human Computer Interface;
- (vi) Image & Pattern Recognition, and Video Technology;
- (vii) Information Systems and Network Management;

Routes of Gaining Experience

(i) Formal Training Route

Applicants, having completed the formal training (Scheme “A” Training) and acquired adequate responsible experience to manage engineering activities and can demonstrate their experience compliance with the HKIE Competence Standards, should be allowed to sit for Professional Assessment. In general, it would take no less than three years after graduation to satisfy these.

(ii) General Experience Route

Candidates who have not undertaken pre-approved training will be required to have had a minimum of six years’ relevant work experience in Information Engineering.

Candidates who satisfy the above requirements will be accepted for Professional Assessment.

3. Professional Assessment (Please refer to Section 5 of M3 Routes to Membership for details)

All candidates are expected to deliver the following documentation together with their applications:

- (i) Training & Experience Report
- (ii) Work Drawings, Programs and Documents
- (iii) Logbook (for Scheme “A” trainees only)
- (iv) Continuing Professional Development (CPD) Record

All documents should be the candidate’s own work and documents **must be verified** by a Corporate Member of the Institution or the employer.

All documents submitted will be treated as confidential and will be returned to the candidate after assessment. Candidates should however retain copies of all documents submitted as the Institution does not accept responsibility for any documents lost or damaged.