

ANNEX I

Criteria for IEM-EAB Accreditor's profile.

Note: EAB would wish to select and train a sufficient number of professionals from academia and the industry to be able to constitute at least two teams of accreditors for each of the main engineering disciplines offered by the Higher Educational Institutions of Mauritius, comprising persons (within each Team) who will not be perceived to be in a situation of conflict of interest vis-à-vis the HEI whose programmes they may be tasked to accredit.

Qualifications and Competency

Section A: Requirements

1. Must hold qualifications meeting the educational requirement for registration as a professional engineer with the Council of Registered Professional Engineer of Mauritius. A Washington Accord accredited BEng or MEng or EUR-ACE(Master) awarded by the ENAEE are known to be registrable qualifications with the CRPE.
2. (i) Candidates from the industry (Consulting, Infrastructure, Utilities, Industrial production, Construction, etc) must be registered engineers with post qualification experience in the relevant field of practice of at least 7 years, unless already registered as a Chartered Engineer, and reckon 05 years post CRPE Registration [*]
(ii) Candidates offering academic or research experience should have hold experience in an academic or research position with at least 05 years in the teaching of engineering design and/or supervising/coaching final year engineering students through delivery of their projects; only persons registered with the Council of Registered Professional Engineers would be designated to serve as Chair/Head of Accreditation Teams. [*]
3. (a) Must have good communication skills and be proficient in written and spoken English and French. To note Accreditation Documentation, documentation to be supplied by HEIs and EAB's proceedings will be in English.
(b) Will be required to declare any conflict of interest when assigned as member of an Accreditation Team and not participate in the proposed accreditation visit. Guiding Principle:- Conflict of interest can exist if Evaluator is a former employee or student of the Institution, or a relative of any student in the program scheduled for accreditation, or is involved with the institution in anyway, such as serving on its advisory body, investigative body, or serving as a part time teacher, or any other situation where a conflict of interest may be perceived.
4. Must be competent both in the field of the programme and have acquired competence through training and experience in accreditation of the type of qualifications and programmes. [*]
5. Engineering Programme Accreditors will be required to be registered with the EAB in the relevant category being evaluated and may be invited to be part of an Accreditation Team.

6. Experience as a member of the Accreditation Team of any Washington Accord signatory would be acceptable for registration as Evaluator with the EAB.
7. Suitably qualified members of the industry may be nominated by key stakeholders (such as the Council Professional Engineers Board, regulatory agencies, academia and industry, including the association of consulting Engineers, etc.);
8. All selected candidates will be required to attend and complete training in the method of accreditation, including attending accreditation assignments as observers locally or overseas as may be arranged by the EAB
9. Evaluators including potential evaluators will attend further training in the event of a major change in policy or practice in the method of accreditation.
10. Further to being registered as required at Item 2, selected candidates should hold membership (at Corporate level, viz Member or Fellow) of a local or overseas professional and technical society, other than a Trade Union [*].
11. While a Character certificate is not required to be submitted, the Nomination Form includes a sub-section requiring the Nominees to declare that they are not under any investigation of any nature and have no criminal antecedent.

Note [] Nominees may not at this time fully meet the requirement so identified, but they would be expected to satisfy these requirements in about 3 years or so when IEM may be in a position to submit its application for provisional membership to the Washington Accords.*

ANNEX I (contd)

Section B: Desirable Attributes of Accreditors

(Member of Visiting Teams)

Potential Accreditors will be expected to display some or all of the following attributes:

1. Have a genuine interest in keeping abreast with developments in engineering education worldwide and are engaged on a personal CPD programme.
2. Be familiar with quality improvement processes;
3. Ability to work in a team-based environment.
4. Motivated to participate in program evaluator training.
5. Be engaged in / or committed to lifelong learning and be current in their field
6. Have ability to apply technical knowledge to ascertain the level of conformance to program accreditation requirements
7. Will strive towards maintaining their competence in accreditation procedures and requirements
8. Will uphold personal and team orientation and professional ethics
9. Will recognize need for making difficult decisions when appropriate
10. Appreciate and Understand protocols for working in different cultures
11. Able to work collaboratively in a self-managed international peer group, noting that the team ***produces its report without secretarial assistance***
12. Will be able to find time for 03 to 05 days for an accreditation assignment locally, or 07 -14 days for an overseas accreditation review visit or a number of shorter reviews over a 03-year period without remuneration, but refund of expenses.
13. Will acquire familiarisation with the IEA review requirements and exemplars
14. Will be prepared to contribute feedback to improve the review process

(Note

Sources: Extracted and adapted from:

ABET (USA) <Program Evaluators requisites>

IES (Singapore) <Accreditation manual >

Engineers Canada <Manual of Accreditation procedures >

ECSA <Accreditation Policy Document >