

IEM ENGINEERING ACCREDITATION BOARD

STRUCTURED TRAINING

For Evaluators and Educators

Refresher Training for Evaluators and Educators in view of the forthcoming accreditation assignments (Nov 2023)

The objective of the Course Structure is to demonstrate compliance with the following IEA Requirement on Training of Assessors/Evaluators:

IEA Schedule B1: Criteria for Admission to Provisional Signatory Status in an Accord

Section 2

d) There are mechanisms and documentation for training the programme assessors;

Course components	Content	Outcomes for participants	Training Materials
Module 1 (Introduction)	<ol style="list-style-type: none"> 1. Washington Accord and Engineering Degree Accreditation Requirements. 2. Outcome-based engineering education, assessment and evaluation methods. 	<p>Acquire knowledge on</p> <ol style="list-style-type: none"> 1. Washington Accord, knowledge profiles and graduate attributes, complex problem solving competencies. 2. Domains of Learning, Concept of GAs, Concept and process of formulating Learning Outcomes at Programme and at module/semester level (Course outcomes (COs)), Tools and techniques of outcome-based assessment, Concept of Rubrics 	<ul style="list-style-type: none"> ▪ WFEO Academy Webinars: “Accreditation Bodies” (total 3 webinars) < Access WFEO Academy website, register your Username, email, password, first name and surname. insert WFEO member: IEM, membership ID: National, Country: Mauritius Email sent by WFEO academy: how to activate your account.> • EAB Workshops & Webinars PowerPoint Presentations Webinars (3) by Prof. Sanjay Agrawal (NBA) available on WFEO Academy Website <p>Reading Materials: ECSA Accreditation Training manual Canada Draft Program visitor guide_v1.25.pdf IEA Rules and Procedures</p>
Module 2	<ol style="list-style-type: none"> 1. Background to EAB Accreditation System and Documentation Structure. Accreditation Policy. 	<p>Qualify as potential EAB evaluator, subject to meeting the requirements of professional engineering practice.</p>	<p>EAB Workshop presentations EAB Document: EAB-A01, EAB-A02, EAB-A03 EAB-A10 (Policy Document)</p>

	2. Accreditation Standards, Criteria and Procedure.		
Module 3	1. Accreditation Process. 2. Self-study Requirements and Documentation.		EAB Workshop presentations EAB-Docs EAB A-11, A-12, & 13
Module 4	1. Evaluation, Reporting and Decision Making.	Satisfy EAB requirements to be “observer” in actual accreditation.	EAB Workshop presentations EAB documents A-14, 15 & A10
Hands-on training	1. Mock accreditation 2. Participation as Observer in actual accreditation	Qualify as accreditation team member.	
CPD	1. Refreshers’ seminars and workshops	Update knowledge on development in engineering education and accreditation of programmes.	EAB Workshops

Notes:

- (i) Module 1: Participants follow the on-line webinars at their own pace. WFEO issues a certificate on successfully completion of a quiz at the end of each webinar.
- (ii) Modules 2, 3 and 4 are each of 3hrs’ duration.

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