

# COREN ACCREDITATION: TEAM AND OUTCOMES



A WORKSHOP FOR PROGRAMME EVALUATORS OF OUTCOME-BASED  
ENGINEERING ACCREDITATION

BY

ENGINEERING ACCREDITATION COMMITTEE  
COUNCIL FOR THE REGULATION OF ENGINEERING IN NIGERIA (COREN)

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# OUTCOMES OF THE WORKSHOP

**At the end of this webinar, participants are expected to:**

1. Understand the composition, selection and duties of COREN evaluation team.
2. Explain in detail the various outcomes of an Accreditation visit.

# OUTLINE OF THE WORKSHOP

1. COREN Program Evaluation Team: Composition, Selection and Duties
2. Outcomes of an Accreditation visit

**SECTION A:  
COMPOSITION, SELECTION AND  
DUTIES OF ACCREDITATION TEAM**

# THE COREN ACCREDITATION TEAM

## **The COREN Accreditation Team to an institution shall consist of:**

- ❑ 2 Evaluators per Programme (one of whom shall lead the team)
- ❑ Members of staff from COREN to provide secretariat and other support

Team Members shall consist of Engineers drawn from:

- The Industry and
- Academia

Covering the expertise and particular engineering discipline

# SELECTION OF PROGRAMME EVALUATORS

1. Evaluators from Academia shall be at the Senior Lecturer and Professorial Cadre levels
2. Evaluator from Industry must have a minimum qualification of a First degree and should be on an equivalent of Grade Level 15 of the Civil Service or CEO of a recognized Engineering firm or PP of a recognized Consulting firm. .
3. COREN shall conduct periodic accreditation training workshops for all Accreditation team members and maintain an updated database.
4. Performance of evaluators previous assignments would be considered in subsequent selections

# SELECTION OF PROGRAMME EVALUATORS

## Qualities of Evaluators

Evaluators shall be highly knowledgeable and experienced engineers with the following qualities:

- a. High level of integrity
- b. Firmness and fairness
- c. Minimum of 10 years registration with COREN.
- d. Maintain an up-to-date practicing licence.
- e. Active participation in the activities of the Engineering profession.

The educational institution shall be informed on the composition of the visiting team.

The institution may object to the assignment of an Evaluator provided it submits proof of any verifiable conflict of interest with the assigned Evaluators.

# The TEAM LEADER

## □ The Team Leader

- Oversee an accreditation visit.
  - Assign duties to each team member keeping in view the overall perspective.
  - Responsible for the preparation of the consolidated team report
  - Ensure timely submission of team report to E & T Committee for consideration.
- There shall be only one team leader visiting an Institution even if the programmes ready for accreditation are more than one.

# TEAM MEMBERS

- ❑ Two Evaluators are responsible for the evaluation of an individual programme.
- ❑ In situation where two programmes with substantial similarity in course contents are being offered within a Department, a single set of two / three Evaluators may handle both programmes.
- ❑ For programmes in emerging or inter-disciplinary areas, additional Evaluators can be included in the team depending on the need.

# DUTIES OF EVALUATORS

## □ Duties of Evaluators:

1. The duties of Evaluators shall include evaluation with reference to the Accreditation criteria, through:
  - a) physical verification of infrastructure/ facilities,
  - b) Review of records and documentations, reports, minutes, etc
  - c) Interactions with administrators, academic staff, alumni, students and key stakeholders
  - d) Other activities, which they find necessary for the accreditation exercise.
2. The Evaluators are also required to indicate the strengths, **weaknesses, defects and concerns against each criterion in the Score Sheet.**
3. They may capture photographs of documents as evidence when necessary.

## Core Duties of COREN Staff shall include:

1. Provide all secretarial and any other service required for the success of the accreditation exercise.
2. Coordinate meeting between the visiting team members and the institution and ensure availability of relevant information.
3. Gives detailed briefing about the visit, institutional data and previous accreditation visit report (s) to the team leader.
4. Ensure the compilation of the visit report on the last day of the visitation for submission to COREN.
5. Provide necessary policy updates to the visitation team when and where required.

Participating COREN Staff in the accreditation of engineering programmes shall be expected to obtain the requisite certification.

**SECTION B:  
OUTCOMES OF AN ACCREDITATION VISIT**

# DEFINITION OF TERMS

<b>Weakness</b>	A criterion, policy, or procedure <u>exist but lacks strength of compliance</u> leading to the compromised quality of the programme. Corrective measure is required to strengthen compliance prior to the next review.
<b>Deficiency</b>	A criterion, policy, or procedure <u>either does not exist or is in the elementary stage</u> . Compliance is required.
<b>Concern</b>	A criterion, policy, or procedure broadly <u>in compliance but requiring improvement</u> to avoid compromised quality of the programme or currently in compliance but the potential exists for the situation to change resulting in non-compliance in future. Progress on the corrective measures is required prior to the next review.
<b>Opportunity For Improvement (OFI)</b>	A criterion, policy, or procedure is in compliance and would be further strengthened by incorporating suggested measures/ improvements

# OUTCOMES OF AN ACCREDITATION VISIT

## □ Full Accreditation (FA):

- Programme substantially complied with the requirements in all areas of evaluation.
- Programme valid to run for 5 years
- Subject to maintaining and improving on the standards as may be verified employing regular monitoring through post-accreditation visitation.

## □ Interim Accreditation (IA):

Programmes that do not meet substantially with the accreditation requirements.

### a) Interim Accreditation due to one or more Weakness (IAw)-

- ✓ A typical duration of  $\leq$  **1 year**
- ✓ A **report** and **on-site visit** will be required to evaluate the **remedial actions** taken by the institution.

# OUTCOMES OF AN ACCREDITATION VISIT...

- b) Interim Accreditation due to one or more deficiencies (IAd)
- ✓ A typical duration of  $\leq 2$  year
  - ✓ A **report** and **on-site visit** will be required to evaluate the **remedial actions** taken by the institution.
- If the report submitted and site-visit conducted are adjudged satisfactory, the E&TC shall extend the accreditation status to a typical duration of five years (interim period inclusive).
- **Otherwise, the programme gets a Failed Accreditation (FA)** status.
- ✓ asked to **stop** admitting new students, **(deploy student indexing)**
  - ✓ graduates of such an unaccredited programme shall not be registered by COREN **(using induction, oath taking and student indexing as tools)**

# OUTCOMES OF AN ACCREDITATION VISIT...

## □ Deficiency is a Serious Issue:

The institution running an Engineering Programme must provide, within 60 days of receipt of the Final decision on status of accreditation to the Institution the followings:

- i. A summary of COREN's reasons for the interim accreditation
- ii. Specific corrective actions the program intends to implement to maintain accreditation
- iii. Share the summary of the COREN position to the students and staff of the programme, to promotion inclusiveness

# References

- *COREN OBE Accreditation Manual (2019)*
- *Outcome-based education, Wikipedia*, ([http://en.wikipedia.org/wiki/Outcome-based\\_education](http://en.wikipedia.org/wiki/Outcome-based_education)).
- *TOWARDS EAC ACCREDITATION IN 2009 - Direct Assessment of Program Outcomes*, Fakulti Kejuruteraan Elektrik, Universiti Teknologi Malaysia (<http://encon.fke.utm.my/OBE.ppt>).
- T. A. Grossman, *Shifting the Focus from Teaching to Learning: Learning Objectives for OR Course Design*, Masagung School of Management, University of San Francisco (<http://meetings.informs.org/TMSWorkshop/TMS04/presentations/Grossman.ppt>).
- S. S. Chong, *Outcome-based Education (OBE)*, 2008, UTAR (<http://www.utar.edu.my/fes/file/OBE.pdf>).
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*Thank  
you*

