



Indonesian Accreditation Board for Engineering Education (IABEE)

Elida Purba, Ph.D.
(Sekretaris LP3M Unila)

Lembaga Pengembangan Pembelajaran dan Penjaminan Mutu
Universitas Lampung
2018

IABEE



- IABEE merupakan sebuah organisasi independen nirlaba yang didirikan sebagai bagian dari lembaga **Persatuan Insinyur Indonesia (PII)** untuk menumbuhkembangkan budaya mutu dalam pengelolaan pendidikan tinggi teknik.
- IABEE dibentuk dengan pembinaan oleh **JABEE (Japan Accreditation Board for Engineering Education)**, yang telah berstatus sebagai penandatanganan **Washington Accord**, yakni perjanjian multilateral yang mengatur kesetaraan lembaga akreditasi mandiri mancanegara untuk bidang Program Studi teknik.

PRINSIP IABEE



- Akreditasi Internasional oleh IABEE bersifat **sukarela dan pilihan/opsional** bagi Prodi yang telah terakreditasi secara nasional.
- Akreditasi berdasarkan pada *Learning Outcomes*
- ***Third-party*** (independent, autonomous, NGO)
- Akuntabel (*outcome-based*, menjawab kebutuhan *stakeholder*)

PERSYARATAN IABEE



- Lembaga Pengelola Prodi telah memperoleh Akreditasi Institusi Pendidikan Tinggi (BAN-PT) dengan peringkat sekurang-kurangnya 'B'.
- Prodi telah memperoleh akreditasi nasional BAN-PT dengan peringkat sekurang-kurangnya 'A'.
- Prodi merupakan Program Studi Sarjana di bidang Teknik dengan masa studi kurikulum selama sekurang-kurangnya empat tahun dan dengan beban perkuliahan total sekurang-kurangnya 144 SKS (satuan kredit semester).
- Prodi telah menerapkan kurikulum berbasis luaran sejak sekurang-kurangnya tiga tahun terakhir tanpa terputus dan terus berlanjut untuk Evaluasi Umum, atau satu tahun dan berlanjut untuk Evaluasi Provisional.
- Prodi telah memberlakukan dan mempublikasikan pernyataan Profil Lulusan yang dicita-citakan sebagai tujuan kependidikannya.
- Prodi telah memberlakukan dan mempublikasikan pernyataan Luaran Pembelajaran Prodi, yang menjadi landasan penyusunan kurikulum dan metode pembelajaran.

PERBANDINGAN AKREDITASI BAN PT VS IABEE

BAN PT

- Compulsory
- Input-based evaluation
- One size fits all criteria
- Ranking system
- National level

IABEE

- Voluntary
- Outcome-based
- Field specific criteria
- No ranking
- International level
- Continual improvement

CAKUPAN BIDANG ILMU

**Chemical,
Biochemical,
Biomolecular,**
and Similarly Named
Engineering Programs

**Environmen-
tal
Engineering**
and Similarly Names
Engineering Programs

Ocean
and Similarly Named
Engineering Programs

**Agricultural
and/or Bio-
system
Engineering**
in Bachelor Programs

Civil
and Similarly Named
Engineering Programs

**Electrical,
Computer,
Communica-
tions, Teleco-
mmunication**
And Similarly Named
Engineering Programs

**Engineering
Physics**
and Similarly Named
Engineering Programs

**Geodetics-
Geomatics
Engineering**

Industrial
and Similarly Named
Engineering Programs

**Materials,
Metallurgical
Engineering**
and Similarly Names

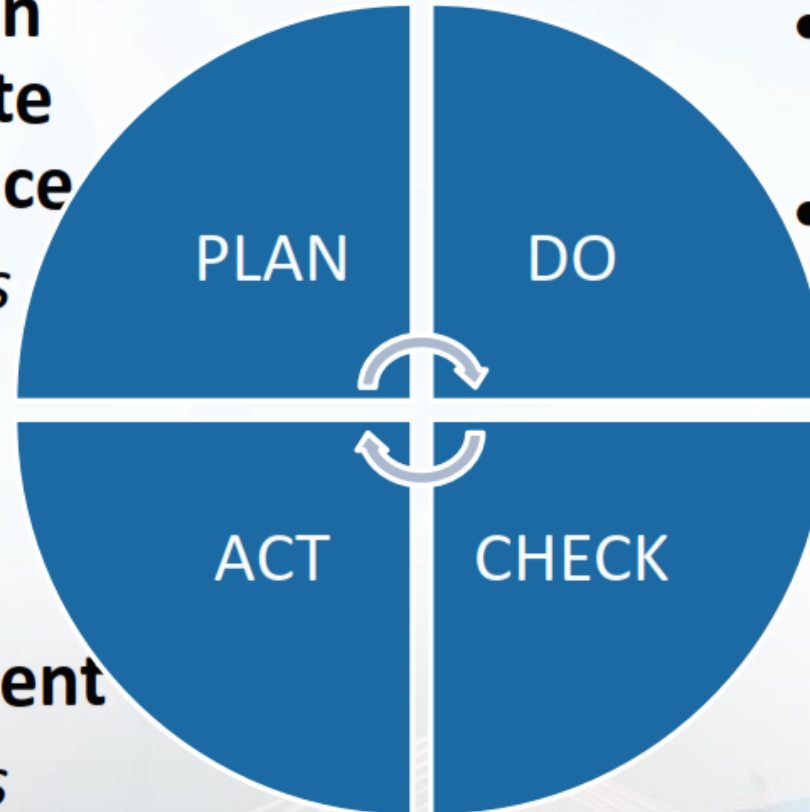
**Mechanical
Engineering
Programs**

**Nuclear
Engineering**
and Similarly Named
Engineering Programs

IABEE COMMON CRITERIA

- **Orientation of Graduate Competence**
- *3 elements*

- **Education Improvement**
- *2 elements*



- **Education Methods**
- *5 elements*

- **Achievement of Learning Outcomes**
- *2 elements*

PDCA: Plan

Criterion 1: Orientation of the Graduate Competence

Program shall define the profile of graduates to be envisaged as autonomous professionals by considering country's potential resources, cultures, needs and interests.

Program shall inform its students and faculty with the envisaged autonomous professional profile and widely publicize it.

Program shall establish its expected learning outcomes which consist of abilities to utilize knowledge, skills, resources and attitudes

PDCA: Do

Criterion 2: Learning Implementation

Curriculum

Faculty

Students and Academic Atmosphere

Facility

Institutional Responsibility

PDCA: Check

Criterion 3: Assessment of the Expected Learning Outcomes

Program shall ensure that an effective assessment process of learning outcomes based on established performance indicators is implemented and maintained at planned intervals using appropriate methods.

Program shall ensure that graduates of the program achieve all expected learning outcomes.

PDCA: ACT

Criterion 4: Continual Improvement

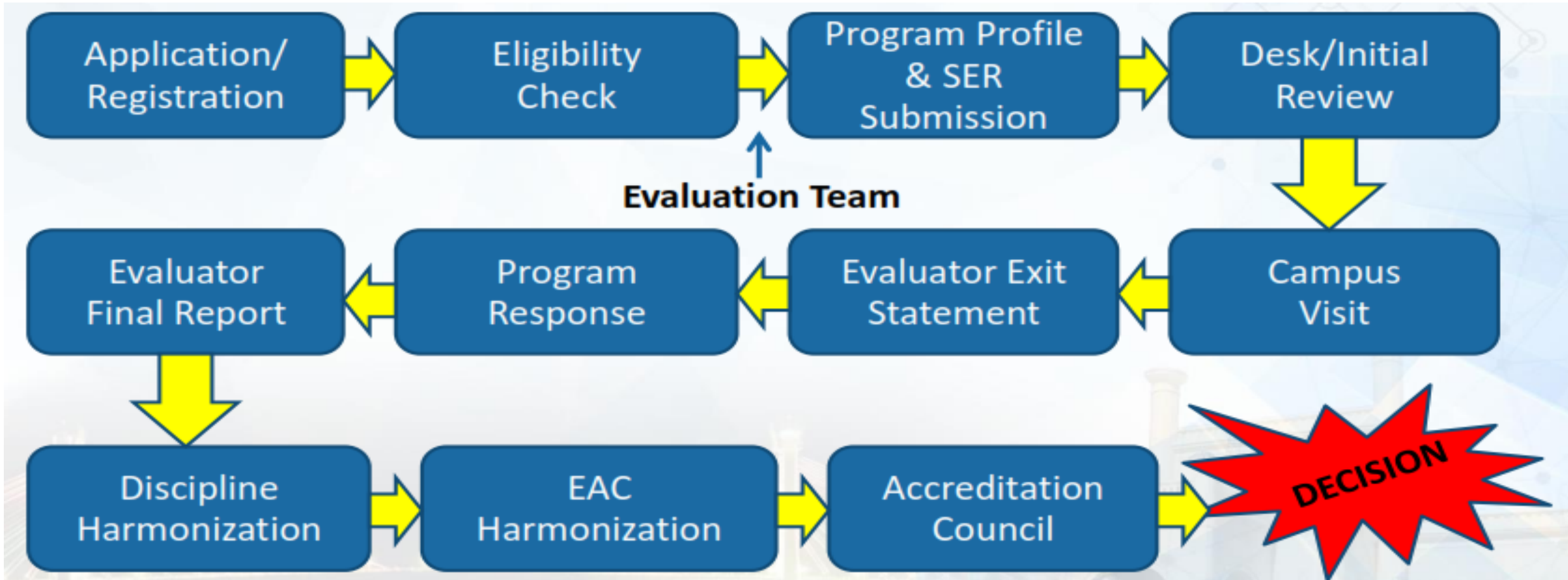
Based on the assessment results, **Program shall perform an evaluation at planned intervals with output in the form of decisions to improve the effectiveness of the educational process**, the suitability of the learning outcomes related to the needs of stakeholders, and resources.

Program shall maintain documents and records related to the implementation of evaluation, the results and their follow-up.

KATEGORI AKREDITASI

- ❑ **General Accreditation**, intended for programs that have implemented outcome-based education system and at the time of the evaluation process has produced graduates with the system
 - *A-accredited program; min B-accredited institution*
- ❑ **Provisional Accreditation**, intended for programs that have implemented outcome-based education system and at least the first year students have completed learning with the system.
 - *Min B-accredited program and institution*

PROSEDUR PENDAFTARAN IABEE



PROSEDUR PENDAFTARAN IABEE

DIAGRAM GENERAL ACCREDITATION

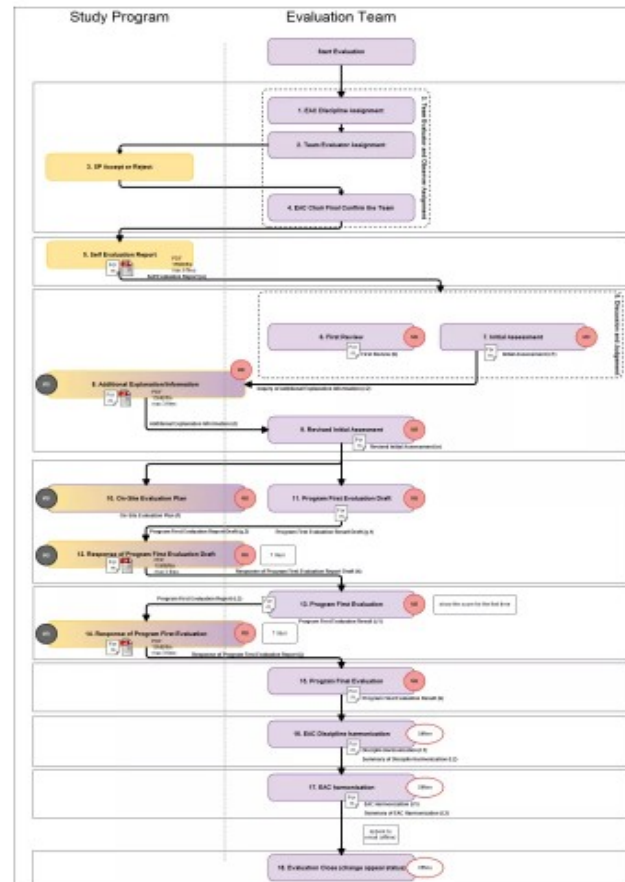
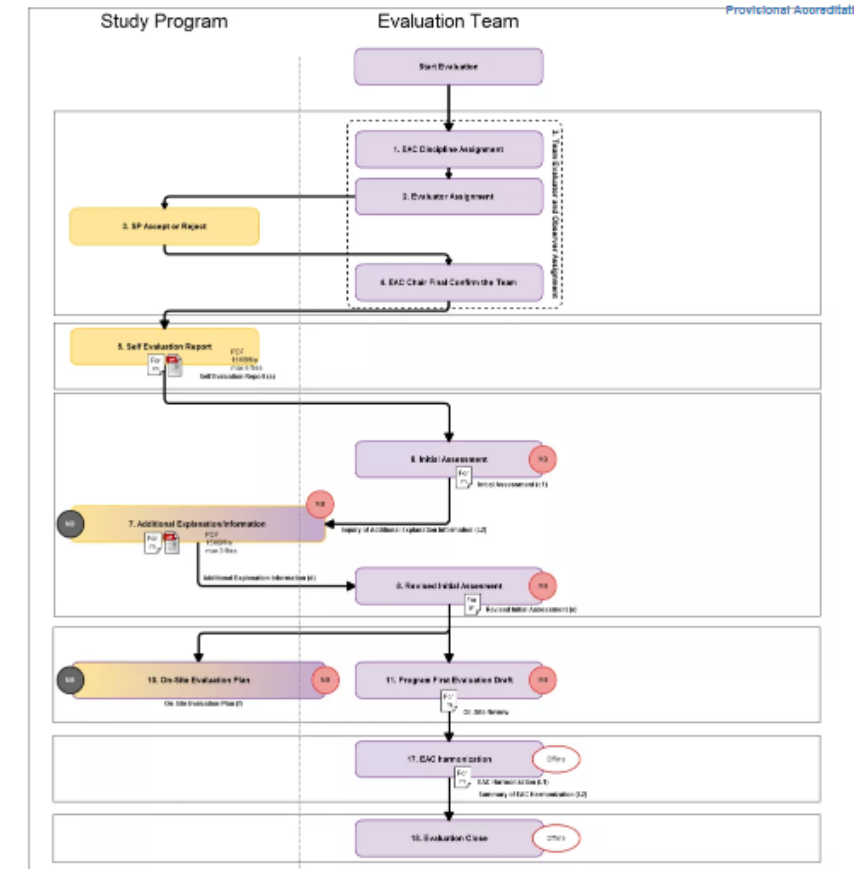


DIAGRAM PROVISIONAL ACCREDITATION



<https://iabee.or.id/en/accreditation/accreditation-process/>

PERSYARATAN DOKUMEN



- Untuk mengajukan evaluasi akreditasi, program studi harus menyiapkan dokumen-dokumen berikut;
- Profil Program Studi (summary study program)
- Lembar Evaluasi Diri (selft evaluation report):
Engineering atau Computing
- Dokumen-dokumen pendukung termasuk Silabus dan CV dosen didalamnya
- Semua dokumen ini di upload di sistem evaluasi online

BIAYA AKREDITASI



- **BIAYA PENDAFTARAN AKREDITASI**
 - Akreditasi General: Rp. 75.000.000,-
 - Provisional : Rp. 25.000.000,-
- **BIAYA PEMELIHARAAN TAHUNAN**
 - Rp. 5.000.000,- per tahun
 - *) berlaku untuk akreditasi general dan interim di tahun kedua hingga tahun terakhir masa akreditasi*