

ECEDHA ABET Subcommittee on "Assessment – What is Sufficient"

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Organization of Report

- Two Parts:
 - Four Recommendations for IEEE-CEAA to implement or to forward to ABET
 - Two Recommendations for ECEDHA
- Available on the ECEDHA web site:
 - Full Subcommittee Report
 - Results from the Criterion 2 Survey

Recommendation #1 (IEEE-CEAA)

- Current ABET EAC Criteria:
 - Remove the Criterion 2(c) requirement for “. . . an assessment and evaluation process that periodically demonstrates the degree to which these [program educational] objectives are attained.”
 - Modify Criterion 4 so as to not include Criterion 2 as “available information” for continuous improvement.

Recommendation #1 (IEEE-CEAA)

- Proposed Harmonized General Criteria for Engineering Programs:
 - Remove the Criterion 4 requirement that the program must regularly use an appropriate, documented process for evaluating the extent to which the program educational objectives are being attained.

Recommendation #2 (IEEE-CEAA)

- IEEE-CEAA and/or ECEDHA should form a Task Force to develop a set of rubrics and guidelines, based upon an appropriate Body of Knowledge, for Criterion 3 assessment that is similar in content and scope to that created by the American Society for Civil Engineers.

Recommendation #3 (IEEE-CEAA)

- Request that ABET set up a mechanism that allows the lead society, or its designated agent, the ability to systematically collect and preserve each year's accreditation results for programs under its jurisdiction.

Recommendation #4 (IEEE-CEAA)

- Review the accreditation results for each year by classifying each reported shortcoming into one of three categories:
 - Shortcomings that are actionable by the program.
 - Shortcomings that are outside the control of the program, but are actionable by the institution.
 - Shortcomings that are outside the control of both program and institution.

Recommendation #5 (ECEDHA)

- Develop and offer a short (30-60 minutes in length) presentation on the essentials of program outcomes assessment to serve as a basic primer for those who are without prior assessment experience.
 - Targeted toward first-time chairs, but open to all
 - Friday afternoon of the Annual Meeting

Recommendation #6 (ECEDHA)

- Develop and offer one or more workshops focused on ways to streamline the program outcomes assessment process.
- Example topics:
 - How to report concise information instead of multitudes of raw data from your courses
 - Structured reporting processes that promote critical and reflective course analysis
 - Using heuristics to streamline the evaluation of program outcomes.

Recommendation #6 (ECEDHA)

- Give as either separate three-hour workshops or combined into a day-long workshop
- Similar fee structure as the ABET Workshop
- These workshops could be held:
 - Friday in parallel with the ABET Workshop
 - Sunday afternoon and/or evening
 - Tuesday afternoon... or some combination thereof.