

Role of the degree program faculty

1. Create a mission statement consistent with the College of Engineering and the University of Cincinnati.
2. Identify stakeholder groups such as students, faculty, alumni and industry.
3. Define the Program Educational Objectives (PEO) with input from the stakeholders.
4. Determine and implement an evaluation process to show these PEOs are satisfied. Survey stakeholders to determine graduates professional ability three years and five years after graduation.
5. Create the program outcomes, which must be consistent with ABET Criterion 3, a → k and ABET Criterion 8, Specific Program Criteria.
 - a) show how the outcomes fulfill the program educational objectives
 - b) show how the outcomes fulfill Criterion 3
 - c) develop performance criteria for each outcome
 - d) show on a curriculum map where students have an opportunity to learn and apply the outcome goals (show how each course “maps” into the outcomes)
 - e) develop course descriptions and the specific role of each course in satisfying outcomes (format will be provided by the ABET Steering Committee.)
6. Utilize assessment data to demonstrate the curriculum meets program outcomes and ABET Criterion 3 and Criterion 8. (College will provide assessment data: Employer Assessment of Professional Practice Student, Student Report – Professional Practice Assignment, Senior Survey and course evaluations.) Program faculty must include additional assessment measures specific to their program.
7. Form a curriculum committee to review assessment data and recommend curriculum changes to the faculty.
8. Create a detailed schedule for ABET activities, including all the above activities plus the preparation of the *Program Self-Study Report*. Report must be sent to ABET in June of 2004.
 - a) items 1-5 must be completed by December 31, 2002
 - b) item 6 must be completed by winter quarter 2003
 - c) item 7 and curriculum revisions must be completed by the end of the spring quarter 2003.