# CEE Assessment Plan

(Updated Jan. 2015)

<table>
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<th>Process</th>
<th>Description</th>
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| 1. Data Collection       | • Collect outcome a-k assessment results for selected courses. Document results in ABET course binders consisting of copies of instruments, including student work for each instrument, and number of students meeting or exceeding expectations.  
• Collect FE CEE and EnvE exam results. Document in corresponding ABET course binders how each FE topic is being addressed and level of student performance.  
• Individual course assessments and actions for improvement to be documented in ABET course binders. | biannual  | Instructors                |
|                          |                                                                              |           | Coordinator/Instructors     |
|                          |                                                                              |           | All Faculty                 |
| 2. Summarize Data        | • Summarize assessment data for outcomes a-k and FE results and disseminate to faculty for review prior to annual department ABET assessment meeting. | annual    | Coordinator                 |
| 3. Department Assessment | • Review effectiveness of previous improvement action plans (reassessment).  
• Review current assessment results and identify critical areas for improvement. Develop action plans for addressing deficiencies. These may be course or program level actions. | annual    | All Faculty                 |
| 4. Document Results      | • Document effectiveness of previous improvement actions (reassessment).  
• Document student performance related to each ABET outcome and FE exam topic.  
• Document new course and program improvement actions for future reassessment. | annual    | Coordinator                 |
• Review/update assessment process. | Every 3 years | All Faculty                 |

**Level of Attainment**

Attainment goals for ABET Outcomes a-k as well as FE exam pass rates are given as follows:

- ABET Outcomes a-k: 80% of students to meet or exceed expectations (3 or above using rubrics or 75% for numerically scored items).

- FE Exam: At or above the national average pass rate for all CEE and EnvE topics.