

Notes from the 2010 ABET Faculty Review Meeting

May 10, 2010

Faculty in attendance: Gannon, Larsen, Heys, Richards, Gerlach, Seymour, Carlson, and Brown

Direct Assessment Plan

This was the first year that direct assessment data was collected. The faculty began by selecting response thresholds of 75% for a fixed threshold and a 10% annual change as a dynamic threshold. In other words, if any of the data falls below 75% or 10% in a single year, a response plan will be developed. The threshold for the Standard Deviation of the teamwork score in CHBE 412 was set at two Standard Deviations.

Since none of the initial data from this year was below 75%, no response plans were necessary.

Outcomes Assessment

None of the outcomes (a-k) were assessed this year. Faculty was reminded of the examples of student work that are going to be needed next year (transport project, 411 design reports, and various examples of computer work). Dr. Peyton suggested switching from the 411 design reports to 412 design reports because the quality of the 412 reports is higher.

Most of the discussion focused on possible examples of student work for assessing outcomes A and E in the bioengineering curriculum. The consensus was that either a modified project in CHBE 324 or a project in 439 would be acceptable for assessing outcomes A and E. These will be assessed next year.

Course Evaluations

CHBE 100: no concerns were noted. Discussed the possible move away from the entire Felder and Rousseau book to just having chapters 2 and 3 available on D2L. Also discussed increase the level of encouragement for having transfer students take CHBE 100.

CHBE 120: no concerns noted. The faculty was very supportive of the changes made by Dr. Larsen who taught the course this past year after not teaching it for a number of years.

CHBE 215: no concerns noted.

CHBE 216: no concerns noted. The faculty discussed limiting the scope of the open ended projects to reduce Dr. Richard's work load. Also, outcomes J and H were kept as secondary outcomes because there was a specific plan to orient the project towards global, societal, and contemporary issues.

CHBE 307: no concerns noted. The faculty supported the planned change of text book (to Smith, Van Ness and Abott).

CHBE 321: no concerns noted.

CHBE 323: no concerns noted.