

Undergraduate Outcomes Assessment Committee Minutes #14, Tuesday, March 26, 2013, Peterson Room, Campus Center

Present: Peter Hansen (Chair), Art Heinricher, Jianyu Liang (Secretary), Chrysanthe Demetry (Morgan Teaching & Learning Center), Satya Shivkumar

Chair Peter Hansen called the meeting to order at 10:00 am.

1. Acceptance of Minutes of meeting #13 on 03/12/2013 and #12 on 2/27/2013

The approval of Minutes #12 and #13 was deferred to next meeting.

2. Discussion of MQP Reviews

a) The committee studied the attached draft summary of MQP review forms prepared by Chrysanthe Demetry. In preparation of this draft, MQP review forms including both advisor review forms and peer review forms from individual programs have been collected. Information from the collected MQP review forms were summarized with regard to institute-wide MQP learning outcomes. It was observed that in general there was a good alignment between the MQP learning outcomes and the Assessment Plan for Institutional Learning Outcomes (the Matrix). However, some gaps existed: 1. Learning outcome #5, Integrate information from multiple sources, was not addressed in MQP review forms from many programs. 2. Visual communication was not separated from written/oral communication in many collected MQP review forms. 3. Some learning outcomes were addressed by multiple questions in many programs, such as concepts/methods of major and solve problem/sustained critical investigation. It was also noted by the committee that different programs used different rating systems with different scales making aggregation of useful information impossible. In addition, the committee did not have the complete forms from each program. Thus, the committee will continue incorporating additional information upon receiving of them from individual programs and updating the attached summary. The committee discussed the possible ways to address some of the gaps, including relying on individual program to aggregate results to questions addressing the same MQP learning outcome and taking favorable questions for each MQP learning outcome to be included in the institute-wide MQP form.

b) The committee prepared for the informal discussion of MQP review forms with faculty sponsored by UOAC and the Morgan Center on April 3. The committee decided to provide the draft summary to the participants for information. Dean Heinricher will provide the currently available student MQP survey data. The committee will ask for input to the questions addressing the eight MQP learning outcomes with consistent scale. Other possible discussion points include the submission deadline and how to enforce, electronic forms vs. paper forms, peer evaluation forms, etc.

The meeting was adjourned at 10:50 am.

Respectfully submitted,

Jianyu Liang, Secretary
Mechanical Engineering