

ASHS Annual Learning Results Summary, AY 2016-17

The following table summarizes the assessment of PLOs for the ASHS program for assessment cycle 2016-17. This process is conducted regularly as part of the annual learning results assessments, which measure two or three PLOs for each program each year. This summary report is to be submitted to the EEC upon its completion.

Program	Associate of Science in Health Science
Assessment Period	FA 2016 to SP 2017
Program Learning Outcomes (PLOs)	<p>PLO 1: Apply key elements of a Christian worldview to personal and professional values, ethics and commitments</p> <p>PLO 2: Articulate contextually-informed interpretations of biblical texts through key themes</p>
Standards of Success	<p>PLO 1: Discussion responses for CHEM 115 with an average of 80% or higher as measured by the rubric. This course is part of the General Studies Core for all ASHS students.</p> <p>PLO 2: Student paper scores for the BIBL230 Signature Assignment will be 'Satisfactory' or higher as measured by the writing assignment rubric. Satisfactory equates to an 80% level.</p>
Evidence	<p>PLO 1: Discussion response for CHEM 115 Sample Size: 37 artifacts (40% of 93)</p> <p>PLO 2: Signature Assignment for BIBL 230 Sample Size: 32 artifacts (25% of 126)</p>
Assessment Tool	<p>PLO 1: Direct-assessment rubric for evaluating artifact; inter-rater reliability exercise conducted.</p> <p>PLO 2: Direct-assessment rubric for evaluating artifact; inter-rater reliability exercise conducted.</p>
Assessors	<p>Dr. Aiwei Borengasser Dr. Denise Stiglich Dr. Joanna Vance (tie-breaker)</p>
Results	<p>PLO #1 (CHEM 115 discussion response) was assessed by evaluating the direct rubric for the discussion response. Out of 37 randomly assigned items 31 passed and 6 failed (84% pass rate). The two primary assessors agreed on 31 of the items, and a tie break was used for 6 of the items.</p> <p>PLO #2 (BIBL230 signature assignment) was assessed by evaluating the</p>

	<p>direct rubric for the assignment. Out of the 32 randomly assigned items 31 were identified as passing papers (97% pass rate). The two primary assessors agreed on 31 of the items, and a tie break was used for 1 of the items.</p>
Discussion of Results	<p>PLO 1: The results indicated that the CHEM 115 discussion responses demonstrated a strong correlation between proficiency and mastery skills with regard to college-level discussion communication. For this randomized sample size the learners have demonstrated an understanding of applying key elements of a Christian worldview to personal and professional values, ethics and commitments.</p> <p>PLO 2: The results indicated that the BIBL 230 artifact demonstrated a strong correlation between proficiency and mastery skills with regard to articulating contextually-informed interpretations of biblical texts through key themes.</p>
Proposed Changes	<p>For PLO 1, proposed changes included:</p> <ul style="list-style-type: none"> ● increasing the sample size or select additional discussion responses to evaluate to continually confirm the results. ● Clarification of the PLO. It is possible that additional refinement of the PLO wording would help reviewers to more accurately measure whether students are able to effectively apply a Christian worldview to their course work. <p>For PLO 2, proposed changes included:</p> <ul style="list-style-type: none"> ● increasing the sample size or select additional discussion responses to evaluate to continually confirm the results. ● Clarification of the PLO. It is possible that additional refinement of the PLO wording would help reviewers to more accurately measure whether students are able to effectively interpret key themes from biblical texts.
Rationale for Proposed Changes	<p>PLO 1: No proposed required changes at this time. Further discussion about the wording of the PLO may be beneficial.</p> <p>PLO 2: No proposed required changes at this time. Further discussion about the wording of the PLO may be beneficial.</p>
Financial Resources Required	<p>PLO 1: Minimal, included in normal course revision budget</p> <p>PLO 2: Minimal, included in normal course revision budget</p>
Annual Learning Report for ASHS Approved	<p>ALR recommended for AC acceptance by EEC on May 2, 2018</p>
Follow Up (Closing	<p>From the 2015 ASHS annual assessment, there were suggestions to revise</p>



the Loop)

BIO 225, to increase the adult learner's ability to utilize APA 6th edition formatting and writing standards. BIO 225 was revised and re-launched in Fall 2 2017.