Spring 2024 ILO 1 Assessment Report

Introduction

This report documents the Bakersfield College (BC) Assessment Committee's evaluation of Institutional Learning Outcome (ILO) 1 during the 2023-2024 academic year. In Fall 2023, the committee planned to assess ILO 1 during the academic year, and the assessment was conducted in Spring 2024. The findings, outlined in this report, were overall very positive.

Assessing ILOs at Bakersfield College

Bakersfield College (BC) has four Institutional Learning Outcomes(ILOs), with the goal that every student who completes a degree or certificate will be able to achieve each ILO. The Assessment Committee’s primary responsibility, as outlined in its charge, is to "support student learning by ensuring that all assessment processes align with the college’s mission, address the needs of students and the community, and meet legal and regulatory requirements." In line with this, the committee regularly assesses BC’s four ILOs. Examples of previous assessments for other ILOs can be found on the committee’s Institutional Learning Outcomes Assessment page.

Institutional Learning Outcome 1

Bakersfield College’s Institutional Learning Outcome (ILO) 1 is: "Think: Think critically and evaluate sources and information for validity and usefulness.”

Methodology for Assessing ILO 1

The Assessment Committee based its evaluation of ILO 1 on the successful assessments of ILO 2 sand ILO 3, completed in 2021-22 and 2022-23, respectively. On the quantitative side, the committee collaborated with the Office of Institutional Effectiveness to analyze pre-existing assessment data from eLumen.

On the qualitative side, the committee sought campus-wide, cross-disciplinary participation by inviting BC faculty members to volunteer examples of assessments, referred to as “artifacts,” from their courses. These artifacts demonstrated students' knowledge in a specific discipline or job-related skills. The committee then evaluated the submitted artifacts using a rubric they developed.

Results

Tableau Data

To gather the quantitative data for the assessment of ILO 1, the Assessment Committee collaborated with its representative from the Office of Institutional Effectiveness, Sooyeon Kim (Director of Institutional Research). Ms. Kim developed an ILO Dashboard in Tableau, which contains data for all four of BC’s ILOs. The Tableau dashboard features a drop-down menu that allows users to select data for the specific ILO they wish to view (see Figure 1).

Currently, the Tableau displays assessment data from 2018 to 2022, encompassing data from 1,730 courses with student learning outcomes mapped to ILO 3.

Across the four academic years assessed in the Tableau (2018-19 through 2021-22), an average of 86% of students met or exceeded expectations in courses where Student Learning Outcomes (SLOs) were mapped to ILO 3 (see Figure 2). The percentage of students meeting or exceeding expectations each semester ranged from 85% to 88%. These high numbers indicate that BC students are successfully meeting expectations for ILO 3. The Assessment Committee defines "meeting expectations" as achieving a score of 70% or higher, while "exceeding expectations" refers to a score above 90%.

ILO 1 Artifacts

Artifact Recruitment

Artifacts showcasing evidence that students are asked to achieve ILO 1 (Think) at BC were recruited from faculty via an official call for artifacts. 24 artifacts were submitted to the Assessment Committee from Bakersfield College faculty. These artifacts represent all 10 pathways (see chart below).

|  |  |
| --- | --- |
| **Pathway** | **Course Name** |
| ACH | ENGL B1A |
| ACH | COMM B1 |
| ACH | EMLSB50 |
| ACH | EMLSB1A |
| ANC | NRES B2 |
| ANC | FORE B1 |
| ANC | SOIL B1 |
| ANC | FDSV B55F |
| ANC | CRPS B5 |
| BUS | BSADB20 |
| EDUC | EDUC B24 |
| HS | NURSB47 |
| ITT | INDR B40 |
| ITT | AUTO B11 |
| ITT | AUTO B34 |
| ITT | AUTO B33 |
| PST | EMTC B12 |
| SBS | LIBR B61NC |
| SBS | LIBR B1 |
| SBS | ANTH B3 |
| SBS | PSYC B20 |
| STEM | PHYSB4B |
| STEM | BIOLB3A |
| STEM | BIOL B18 |

Artifact Assessment

To determine whether these artifacts indeed required students to think critically to problem-solve/ form opinions and/or evaluate sources of information for validity, usefulness and to draw conclusion, the Assessment Committee assessed each artifact. To do so, Assessment members were split into teams and assigned artifacts (outside of their areas) to assess using a rubric developed by the committee. Assessment Committee Faculty Co-Chair Rebecka Zepeda compiled the results in this spreadsheet. The results were overwhelmingly positive.

Of the 24 artifacts submitted, 23 met or exceeded expectations in asking students to think critically to problem-solve or form opinions. (Figure 1)



Figure 1. Pie chart showing results of ILO 1 assessment regarding critical thinking.
83% of artifacts met expectations, 13% exceeded expectations and 4% did not meet expectations.

Of the 24 artifacts submitted, only 14 fell under the category of “evaluating sources of information for validity, usefulness and to draw conclusions”. Of those 14, all met or exceeded expectations. No artifacts did not meet expectations for valuating sources of information for validity, usefulness and to draw conclusions. (Figure 2)



Figure 2. Pie chart showing results of ILO 1 assessment regarding evaluating
information sources. 64% of artifacts met expectations, 36% exceeded expectations
and 0% did not meet expectations.

Conclusion

The Assessment Committee concludes that Bakersfield College meets expectations for ILO 1: Think. Quantitative data reveals that, on average, 86% of students enrolled in courses mapped to ILO 3 from 2018-19 to 2021-22 met or exceeded expectations. Similarly, qualitative data shows that 100% of the submitted artifacts met or exceeded expectations in assessing students' ability to demonstrate knowledge or skills in their respective courses.