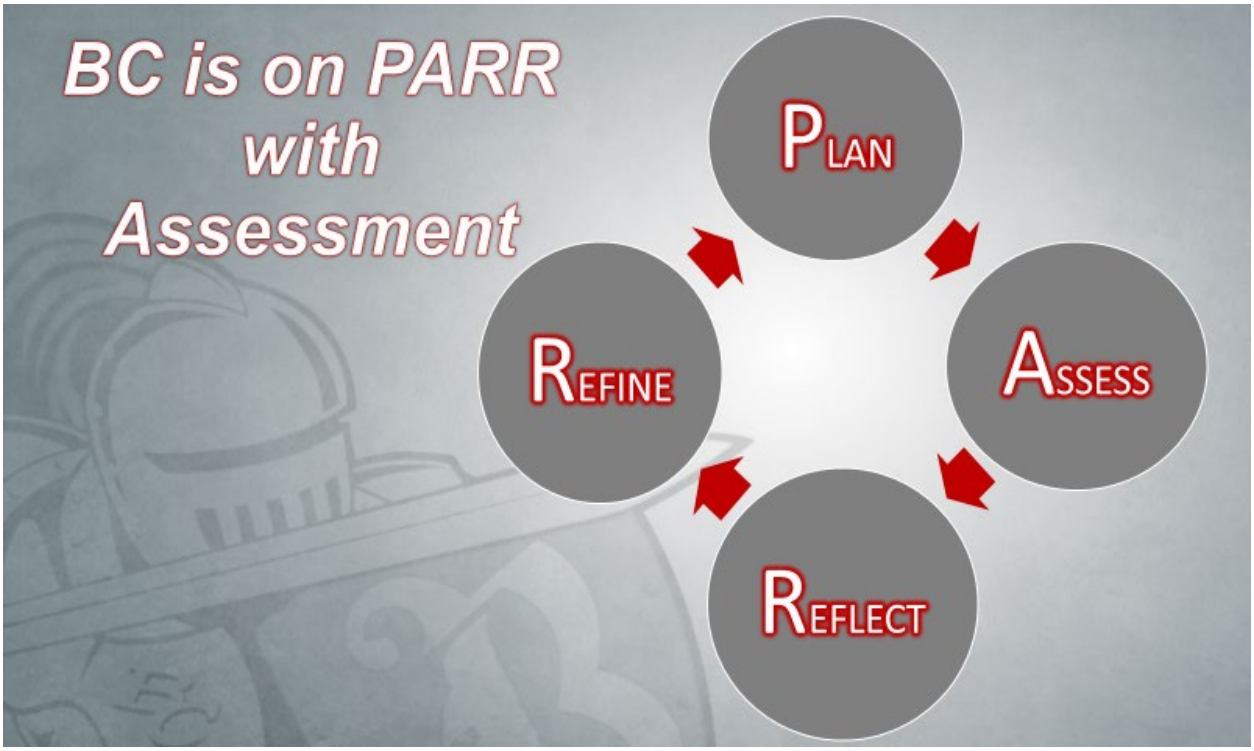
Program Review – Assessment Report Instructions



Instructions:

1. In eLumen, the department chair (utilizing the Report Creator role), or the Assessment Committee representative, over the program needs to generate the report titled "SLO Performance - By Department, Course, CSLO". The report should be generated for each required course and elective listed in the program (e.g., if a math course is part of the psychology program, then the above report should be pulled for both mathematics and psychology courses). When running the report be sure to include fall, spring, and summer terms for the prior academic year. See handout "eLumen Training for Department Chairs" on the Academic Technology webpage for more detailed instructions: www.bakersfieldcollege.edu/academic-technology/elumen-assessment
2. Assessment Table - Column 1: list each required course and elective for the program.
3. Assessment Table - Columns 2 – 6: At the end of each course in the above report, there is a table titled "Totals for CSLOs" that contains the data necessary to complete the Assessment Table. Be sure that all rows that contain data total to 100% for Column 6.
4. Complete one Assessment Report per program and return the completed form(s) to the Program Review Committee. Write your responses in the textbox, the textbox will expand as needed.

Program Review – Assessment Report

Name of Program: Physics AS-T

Plan – Describe the process used to assess the courses for this program.

Physics faculty utilize the assessment plan to schedule their SLO assessments. Physics faculty use exams (unit and/or final) as the assessment tool for lecture-based SLOs and lab reports are used for lab-based SLOs.

Assess – Fill in the table using the data from the report SLO Performance - By Department, Course, CSLO

Courses	% Students Exceed	% Students Meets	% Students Doesn't Meet	% Students N/A	Total
PHYS B4A	0%	0%	0%	0%	0%
PHYS B4B	0%	0%	0%	0%	0%
PHYS B4C	0%	0%	0%	0%	0%
MATH B6A	27.18%	32.04%	28.16%	12.62%	100.00%
MATH B6B	22.50%	38.33%	35.00%	4.17%	100.00%
MATH B6C	0%	0%	0%	0%	0%

Reflect – Based on the SLO performance data listed in the table, describe both the strengths and weaknesses of the program.

Approximately 60% of student assessments of mathematics student learning outcomes resulted in a satisfactory meeting of math SLOs needed for success in PHYS B4A. This can lead to below average student performance on calculus-based problems in our physics courses. No data was submitted for physics courses so no conclusions can be made yet.

Refine – Summarize the changes that discipline faculty plan to implement based on the program's strengths and weaknesses listed above.

Physics faculty will adjust the assessment cycle towards evaluating 1-2 SLOs per semester so that data tracking of outcomes is more current and reliable. This will also allow us to more clearly observe trends over time. Physics faculty will adjust their class content to directly demonstrate how concepts from the mathematics B6 series apply to the physics content.

Dialogue – Explain when, or how often, discipline faculty meet to discuss the assessment process (e.g., planning, data collection, and results) for this program (e.g., department meeting).

Discipline faculty informally discuss course assessment processes during office hours and between classes. Discipline faculty formally discuss course and program assessment processes during the physics faculty meeting for Program Review.