Assessment: Program Four Column

Acad Program - Chemical Laboratory Technology Program (AAS)

Program Learning Outcomes	*Assessment Methods*	*Assessment Results*	*Action Taken (Use of Results)*
Laboratory Performance - Perform basic chemical statistical analysis in a chemical lab setting. **Outcome Status:** Active/Ongoing **Assessment Year:** 2017 - 2018	**Final Exam Grade -** Final exam comprehensive assessment	**Reporting Period:** 2017 - 2018 EoY **Result Type:** Criterion Not Met 68% of students successfully completed laboratory performance learning outcome. (05/21/2018) **Analysis:** This learning outcome was not met at the 80% minimum requirement.	**Action Taken (Use of Results):** The assessment measure and instructional activities throughout the program will be further evaluated to identify areas for improvement. (05/21/2018)
Laboratory Softskills - Demonstrate basic soft skills related to gaining and maintaining employment such as time management, appropriate work attire, working as a team, and effective communication. **Outcome Status:** Active/Ongoing **Assessment Year:** 2017 - 2018	**Demonstration -** Laboratory notebooks documenting timeliness, teamwork and lab analyst expectations.	**Reporting Period:** 2017 - 2018 EoY **Result Type:** Criterion Met Laboratory notebooks documenting timeliness, teamwork and lab analyst expectations. (05/21/2018) **Analysis:** 88% of students successfully completed the soft skills learning outcome.	**Action Taken (Use of Results):** The goal will be increased from 80% to 85% for 2018-2019. (05/21/2018)
Laboratory Safety - Demonstrate a basic knowledge of industrial and environmental safety **Outcome Status:** Active/Ongoing **Assessment Year:** 2017 - 2018	**Exam -** Laboratory Safety Assessment	**Reporting Period:** 2017 - 2018 EoY **Result Type:** Criterion Met Laboratory Safety Assessment (05/21/2018) **Analysis:** 97% of students successfully completed the learning outcome	**Action Taken (Use of Results):** The goal for laboratory safety learning outcomes will be increased from 80% to 90% passing for 2018-19. (10/22/2018)
Database Analysis - Display and analyze database information **Outcome Status:** Active/Ongoing **Assessment Year:** 2017 - 2018	**Demonstration -** Infrared Sample and Intepretation Assessment	**Reporting Period:** 2017 - 2018 EoY **Result Type:** Criterion Met Infrared Sample and Interpretation Assessment (05/21/2018) **Analysis:** 88% of students successfully completed the	**Action Taken (Use of Results):** The learning outcome will be increased from 80% to 85% for 2018-2019. (05/21/2018)