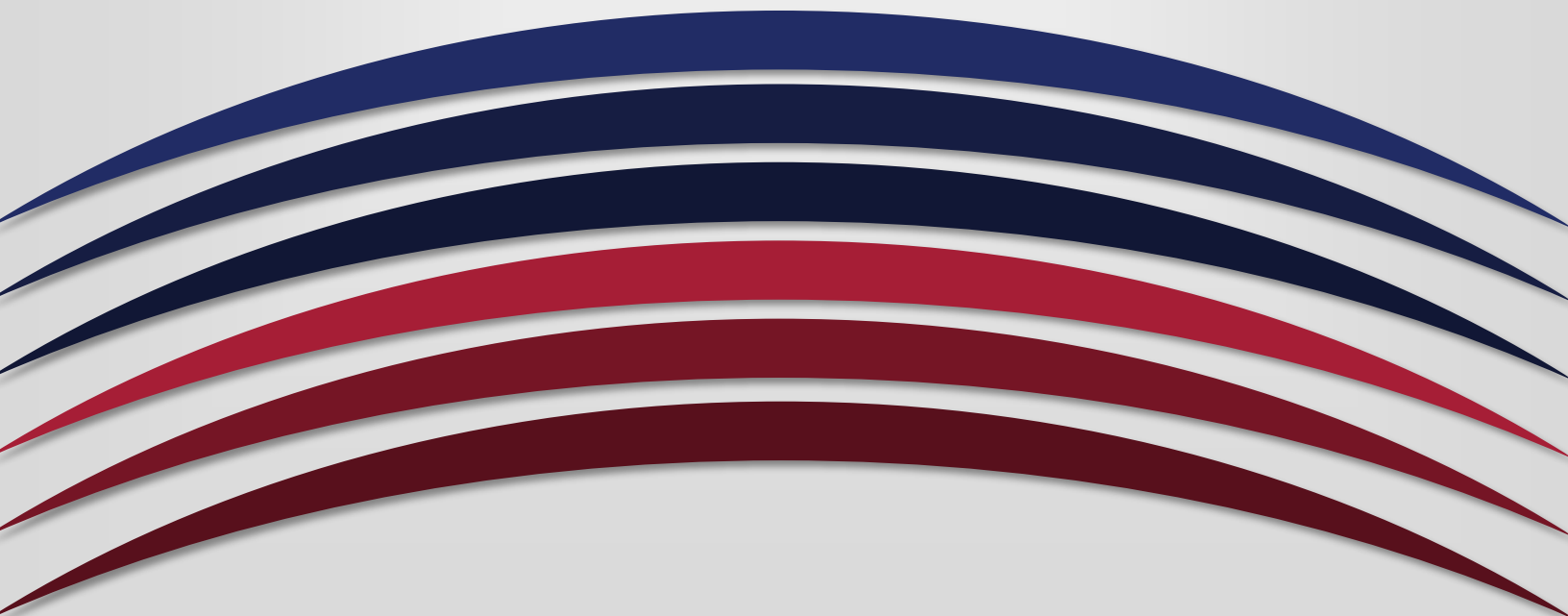




UNIVERSITY OF ARKANSAS
PULASKI TECH

Assessment Report:
2019-2020:
(CHEM 1104 Fundamental Chemistry 2
Lab)



1. Name of individual compiling report: Dr. Michael Julian

2. Date of submission: 9/30/2020

3. Is the assessment plan (*Check or highlight one*)

☐ an initial plan for the
program

☐ a revision of an old plan

☐ unaltered from
previous year

Course-Level Learning Outcomes-

1. What are the Course-Level Outcomes (CLOs)?

1. Students will use instruments, reactants, and techniques correctly and safely.
2. Students will communicate measurements and results with correct units, significant figures, and scientific notation as necessary.
3. Students will apply chemistry concepts to reactions and other processes in the lab setting.

2. Which CLOs were addressed for this academic year? (2019-2020)

CLO 3

3. Which CLOs are being addressed in your assessment plan next academic year? (2020-2021)

CLO 3

4. Explain the assessment cycle.

During the previous spring semester, professors meet to discuss the CLOs and assessment needs for the next fall. Modifications to final exam are discussed for the fall.

At the beginning of the fall semester, faculty meet prior to the start of classes to finalize changes in the assessment methods. The results from the previous semesters final exam are addressed. The faculty then meet to discuss the results and any problems in the methods or rubrics. At the end of the semester, results from the final exam are collected and distributed.

Prior to the start of the spring semester, the faculty meet again to discuss the previous findings and address any changes that are needed.

5. What are the assessment methods? Are they direct or indirect?

The students' performance on a lab was judged as a direct measurement of CLO 3. There lab was judged according to a rubric of Exceeds expectations, Meets expectations, or Does not meet expectations.

6. What are the assessment goal(s)?

The goal is to have 70% of the students exceed or meet expectations for this CLO.

7. What were the findings for this academic year? (2019-2020)

S2020	Exceeds Expectations:	Meets Expectations:	Does Not Meet:
	16.7%	66.7%	16.7%

8. What is your analysis of the findings?

The students overall did well on the lab. They had to turn the lab in virtually with little additional help due to the campus shutdown. This represented a shift in pedagogy and technical difficulties for a few students.

9. What is the action plan for the next academic year? (2020-2021) Explain.

The spring semester will have the lab have a virtual component that is better rounded with a video portion. This will hopefully address any students being unclear on the expectations for the lab and the assessment rubric.