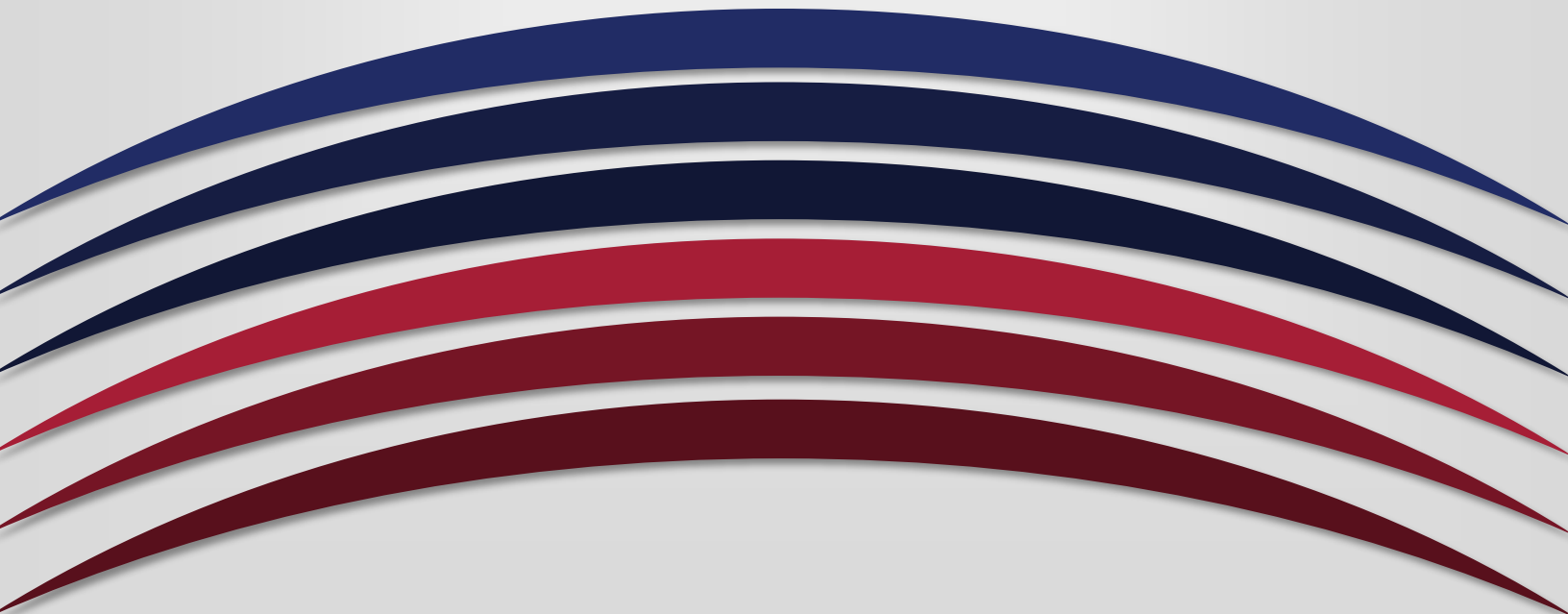




UNIVERSITY OF ARKANSAS  
**PULASKI TECH**

**Assessment Report:**  
**2019-2020:**  
**(Physical Science)**



1. Name of individual compiling report: Chris Weaver

2. Date of submission: 9-30-20

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. The student will be able to apply the scientific method to aid in problem solving and will be able to use multiple different measurement systems.
2. The student will be able to identify the particles that make up an atom and how those particles interact with other atoms to create bonds via chemical reactions.
3. The student will be able to analyze motion and calculate measures of motion along with how force changes and object's motion.
4. The student will be able to calculate measures of energy, electricity, and magnetism while also being able to make connections between energy, electricity, and magnetism.

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

CLO 1 - 4

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

CLO 1 - 4

### 4. Explain the assessment cycle.

Fall and Spring: Shared Final

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

Direct

6. What are the assessment goal(s)?

Average of at least 70%.

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

The assessment goal was not met in the Fall semester, with all sections but one falling short of the 70% average. In the Spring semester, the assessment goal was met as the class averages ranged from 72% to 92% (though the latter was achieved by a class where only two students took the final). Most sections ended up with averages in the 80's.

8. What is your analysis of the findings?

The faculty was still working on a final that accurately measured how well the students were doing on the material from the class after the common final was introduced the previous academic year. During the Spring semester, a new final was created based on exams that were already in use. Spring numbers may be an anomaly in that the final was given completely online in all sections.

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

Reuse the final for assessment for this year for all CLOs. With the final set, we can now better compare semesters. Hopefully, the final will given in an in class setting sometime this year so that we can compare it to the online numbers.