

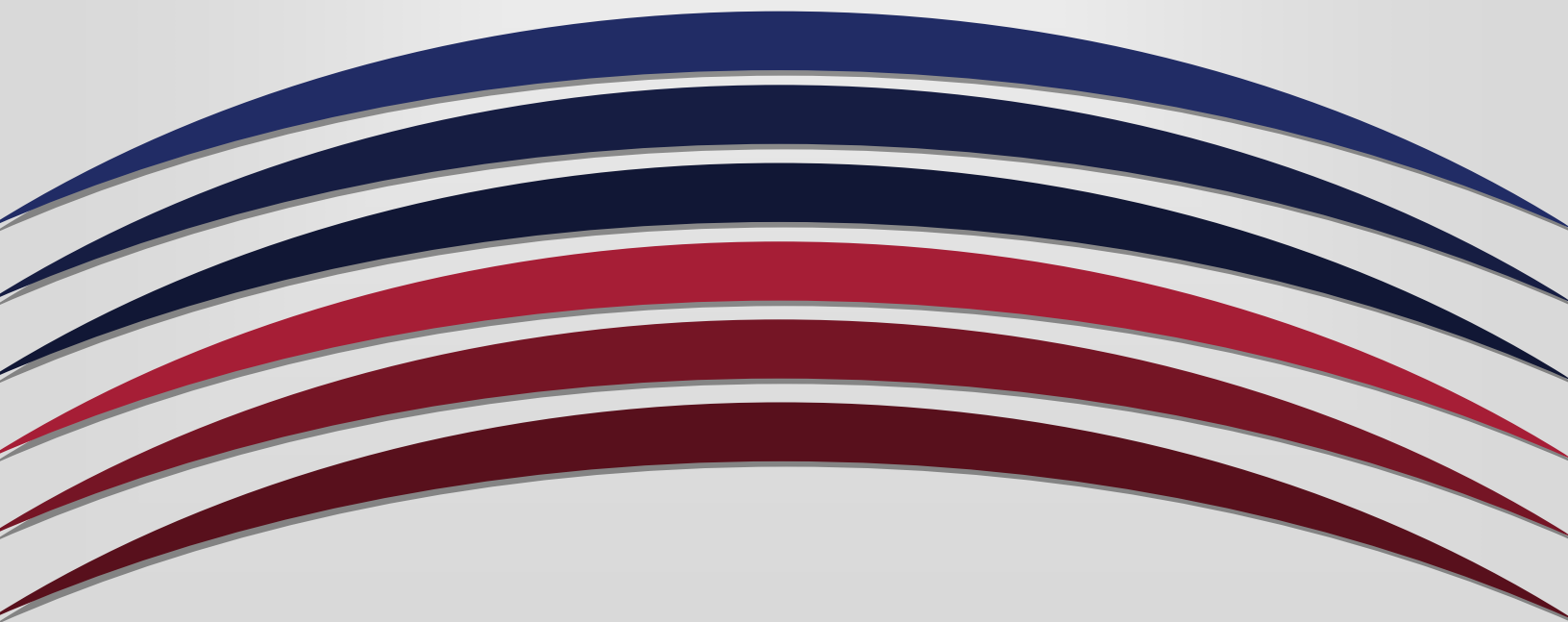
UNIVERSITY OF ARKANSAS  
**PULASKI TECH**

**Course-Level Assessment Report**

**Course: RESP 1103**

**Academic Year: 2023-2024**

**Due to Chair/Program Director and Faculty Assessment Chair by  
September 1**



1. Name of course: Respiratory Care Sciences
2. Name of individual(s) compiling report: Kelly Charleville
3. Date of submission: 10/27/2023
4. Academic year: 2023-2024

## Course-Level Learning Outcomes

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

1. *Students will demonstrate an understanding of basic math operations.*
2. *Students will demonstrate an understanding of algebraic concepts.*
3. *Students will be able to perform calculations used in respiratory care.*
4. *Students will demonstrate an understanding of the physical theories associated with respiratory care.*
5. *Students will demonstrate a basic understanding of microbiology related to respiratory care.*
6. *Students will understand the principles of pharmacology related to respiratory care.*
7. *Students will be able to describe classes of drugs that are delivered via the aerosol route.*
8. *Students will be able to compare available aerosol formulations, brand names, and dosages for each specific drug class.*
9. *Students will be able to select the appropriate drug class for a specific patient or clinical situation, be able to demonstrate safe effective delivery of the drug, and demonstrate an under of expected outcomes including side effects.*

### 2. Which CLOs were addressed for the academic year?

*All the CLOs were addressed and met this year.*

### 3. Which CLOs are being addressed in your assessment plan in the upcoming academic year?

*Numbers 6 and 9 will be addressed in the assessment plan for this year.*

### 4. How does this report connect or map to program-level or institutional-level outcomes?

(ILO link: <https://uaptc.edu/college-academics/resources/student-learning-outcomes>  
PLO list will vary depending on your Program.)

*The CLOs listed most directly correlate to the ILO providing instructional methods that promote developing student critical thinking skills.*

For each Course Level Outcome assessed this academic year, please complete the chart below, providing the assessment data for both fall and spring and then a total for the academic year.

Assessment Methods- How did you assess student learning (define direct assessment methods used) in relation to the course level outcome being reported?	<i>Students completed a comprehensive final exam. Questions were linked to specific course learning outcomes. Item analysis was performed to determine proficiency.</i>	
Were indirect assessment methods also used to assess students? If 'yes', please describe the method used.	<b>Yes</b> <i>Overall course grade.</i>	<b>No</b>
How do you define success for an individual student on the CLO assessment assignment or measure?	<i>Student scores 76% or better on the questions linked to the CLO.</i>	
How do you define success for the course-level outcome? What is the benchmark for the course-level outcome?	<i>85% of students in the course achieve success on the CLO assessment assignment or measure.</i>	
How many students completed the assessment, and how many were successful?	<b>Summer</b> <i>100% of students passed the class.</i>	<b>Fall/Spring</b> <i>Class is only offered in the summer.</i>
Academic Year Total (add the numbers from Fall and Spring)	<i>20 students assessed 20 students were successful 100% passed</i>	
Was the benchmark/goal for this academic year met?	<b>Yes</b>	
Were standardized rubrics, tests, or checklists used?	<b>Yes</b>	

#### 4. What is your analysis of the findings?

*For CLO 6 students will understand the principles of pharmacology related to respiratory care, the semester had a pass rate of 100% for all methods of course delivery. Our goals were met for this learning objective. The assessment is largely memorization and students tend to do well with those types of assessments.*

*For CLO 9 students will be able to select the appropriate drug class for a specific patient or clinical situation, be able to demonstrate safe effective delivery of the drug, and demonstrate an under of expected outcomes including side effects, the semester had a pass rate of 100% for all methods of course delivery. Our goals were met for this learning objective. The assessment is largely memorization and return demonstration.*

## 6. What is the action plan for the upcoming academic year?

### Explain.

*The program has been redesigned so that students will receive the necessary instruction earlier in the program. This class will remain in the summer but will be taught alongside RES 1503 Anatomy and Physiology. Moving RES 1503 to the summer will help students understand the human respiratory anatomy better when they are learning about respiratory care, microbiology, and pharmacology.*