

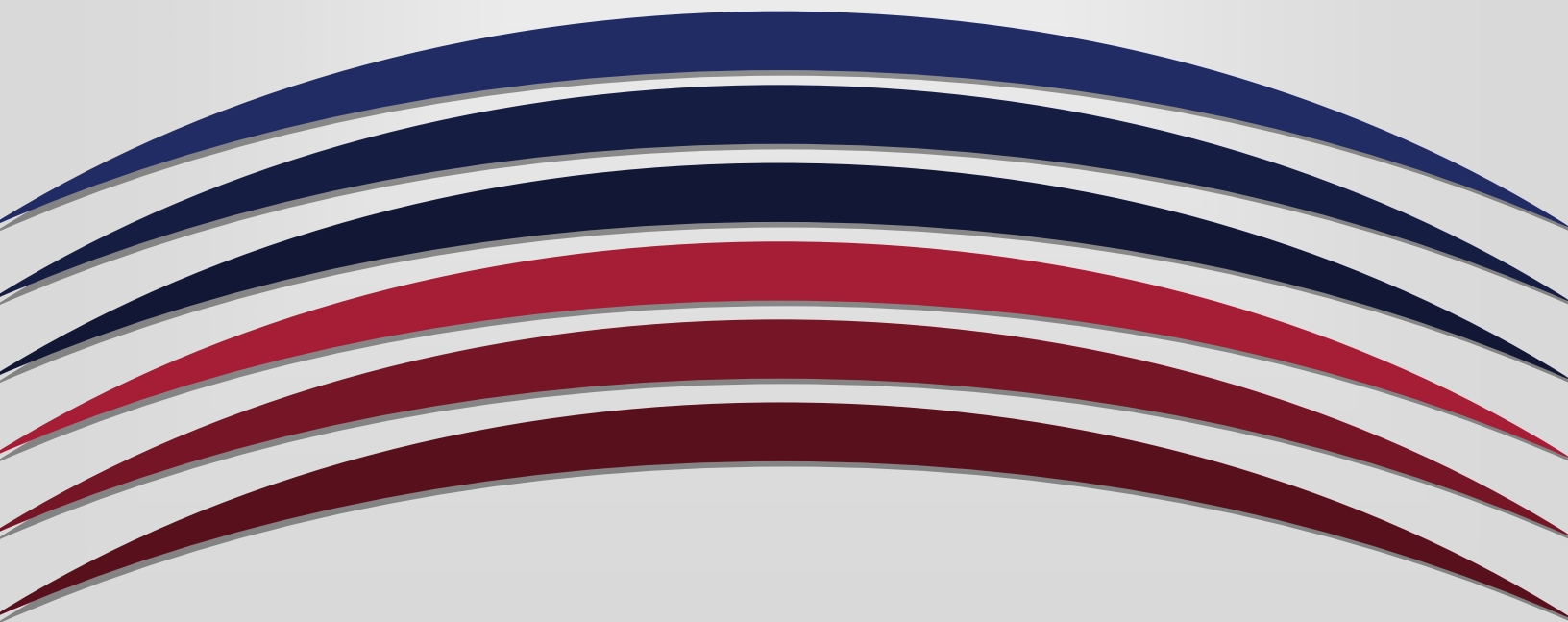
UNIVERSITY OF ARKANSAS
PULASKI TECH

Course-Level Assessment Report

Course: RES 2305

Academic Year: 2022-2023

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



1. Name of course: Neonatal and Pediatric Respiratory Care
2. Name of individual(s) compiling report: Lindsey Fricks
3. Date of submission: 10/30/2023
4. Academic year: 2022

Course-Level Learning Outcomes

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

1. Gather and interpret information pertinent to a patient's condition.
2. Correctly take and verify an order for oxygen therapy.
3. Demonstrate an understanding of departmental procedures for oxygen therapy.
4. Correctly and accurately obtain vital signs.
5. Safely transport and store a cylinder.
6. Calculate the duration of cylinder content.
7. State the expected FIO₂ for all types of oxygen delivery devices.
8. Select and match the proper aerosol and/or humidification device.
9. Calculate the total flow that an oxygen device will deliver to a patient.
10. Name and explain goals, indications, hazards, and contraindications for all oxygen devices.
11. Correctly setup and verify proper operation of various types of nebulizers.
12. Perform disinfections and sterilization techniques.
13. Correctly obtain and transport a sputum specimen.
14. Initiate and modify mechanical ventilation.
15. Intubation and extubation.
16. Weaning criteria.
17. Suctioning and airway management.
18. Properly assist in bedside procedures, patient transport, and medication verification/administration.
19. Properly obtain and analyze/interpret arterial blood gases.

Which CLOs were addressed for the academic year?

All the CLOs were addressed and met this year.

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

Numbers 5 and 6 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.	Yes <i>Overall course grade.</i>	No
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?	Fall <i>17 students assessed 17 students were successful</i>	Spring <i>Class is only offered in the fall.</i>

Academic Year Total (add the numbers from Fall and Spring)	17 students assessed 17 students were successful 100% passed	
Was the benchmark/goal for this academic year met?	Yes	
Were standardized rubrics, tests, or checklists used?	Yes	

3. What is your analysis of the findings?

1. *For CLO 5 Safely transport and store a cylinder. 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.*
2. *For CLO 6 Calculate the duration of cylinder content. 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 of process and return understanding through coursework.*

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

Explain.

The program continues to add additional clinical specialty rotations and provide opportunities to learn and practice hands on skills to be utilized after completion of the program.