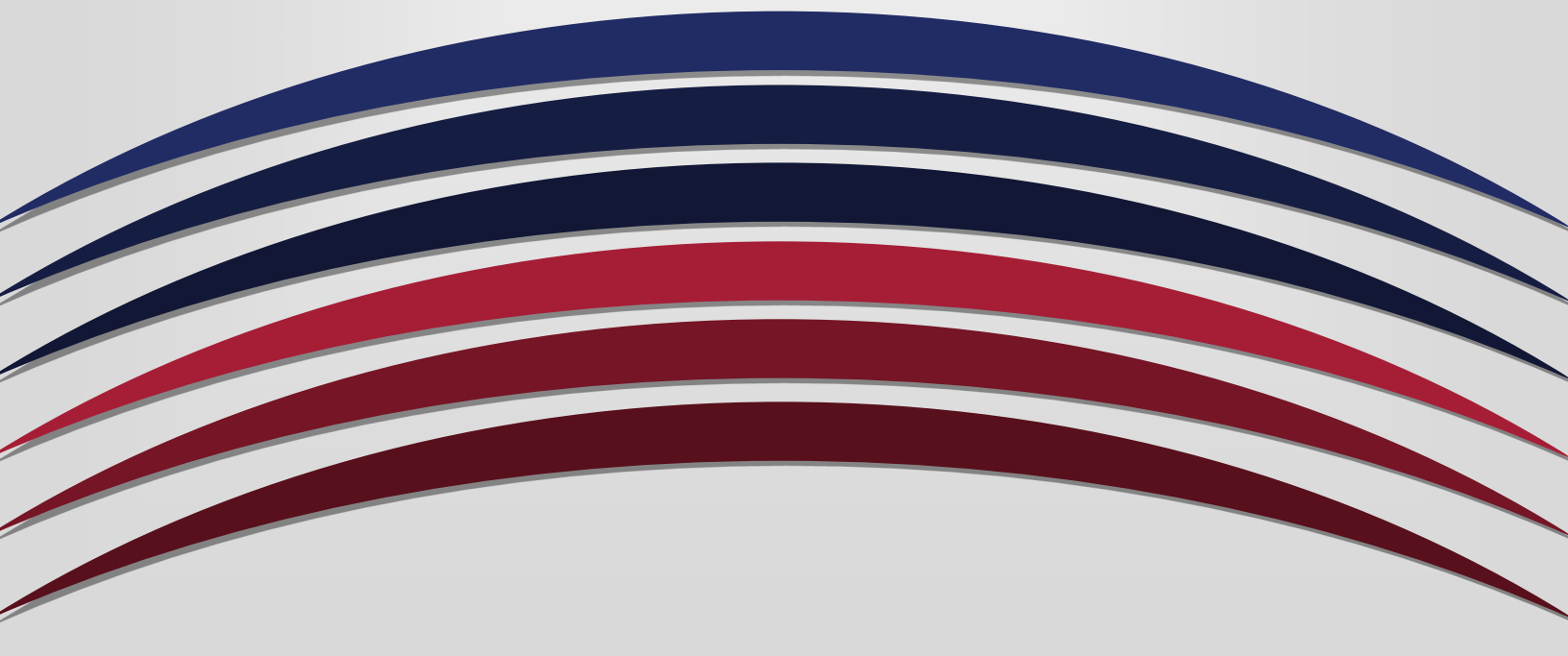




UNIVERSITY OF ARKANSAS
PULASKI TECH

Course-Level Assessment Report
Course: MATH 2310 Discrete Math
Academic Year: 2021-2022

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



1. Name of course: MATH 2310 Discrete Math
2. Name of individual(s) compiling report: Shannon Vaughn
3. Date of submission: 9/12/2022
4. Academic year: 2021-2022

Course-Level Learning Outcomes

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

1. Proving Techniques. Demonstrate the use of proving techniques.
2. Symbolic Argument. Use of symbolic arguments for the construction of truth tables.
3. Set Concepts. Demonstrate knowledge of set concepts.
4. Sequences. Demonstrate ability to identify terms of sequences.
5. Sums and Products. Demonstrate the computation of sums and products.
6. Combinatorics. Demonstrate the calculation of sums and products.
7. Function. Use the properties and theorems of functions.

2. Which CLOs were addressed for the academic year?

All seven.

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

All seven.

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.)

Type your response here.

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.

<p>Assessment Methods- How did you assess student learning (define direct assessment methods used) in relation to the course level outcome being reported?</p> <p><i>Note: If more than one assessment method was used, you may insert an additional row.</i></p>	<p><i>Students across all sections completed a common comprehensive final exam. Questions were linked to specific course learning outcomes. Item analysis was performed to determine proficiency.</i></p>	
<p>Were indirect assessment methods also used to assess students? If 'yes', please describe the method used.</p>		No
<p>How do you define success for an individual student on the CLO assessment assignment or measure?</p>	<p><i>Student scores 70% on the questions linked to the CLO</i></p>	
<p>How do you define success for the course level outcome? What is the</p>	<p><i>70% of students in the course achieve success on the CLO assessment assignment or measure</i></p>	

benchmark for the Course Level Outcome?		
How many students completed the assessment, and how many were successful?	<i>Fall</i>	<i>Spring</i> 5 students assessed 5 successful (100% success rate)
Academic Year Total (add the numbers from Fall and Spring)	5 students assessed 5 successful (100% success rate)	
Was the benchmark/goal for this academic year met?	Yes	
Were standardized rubrics, tests, or checklists used?	Yes	

5. What is your analysis of the findings?

The goal was met for all the CLOs evaluated.

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

Explain.

We will be using a different text and delivery platform for spring 2023. I will make a new final exam linked to the CLOs.