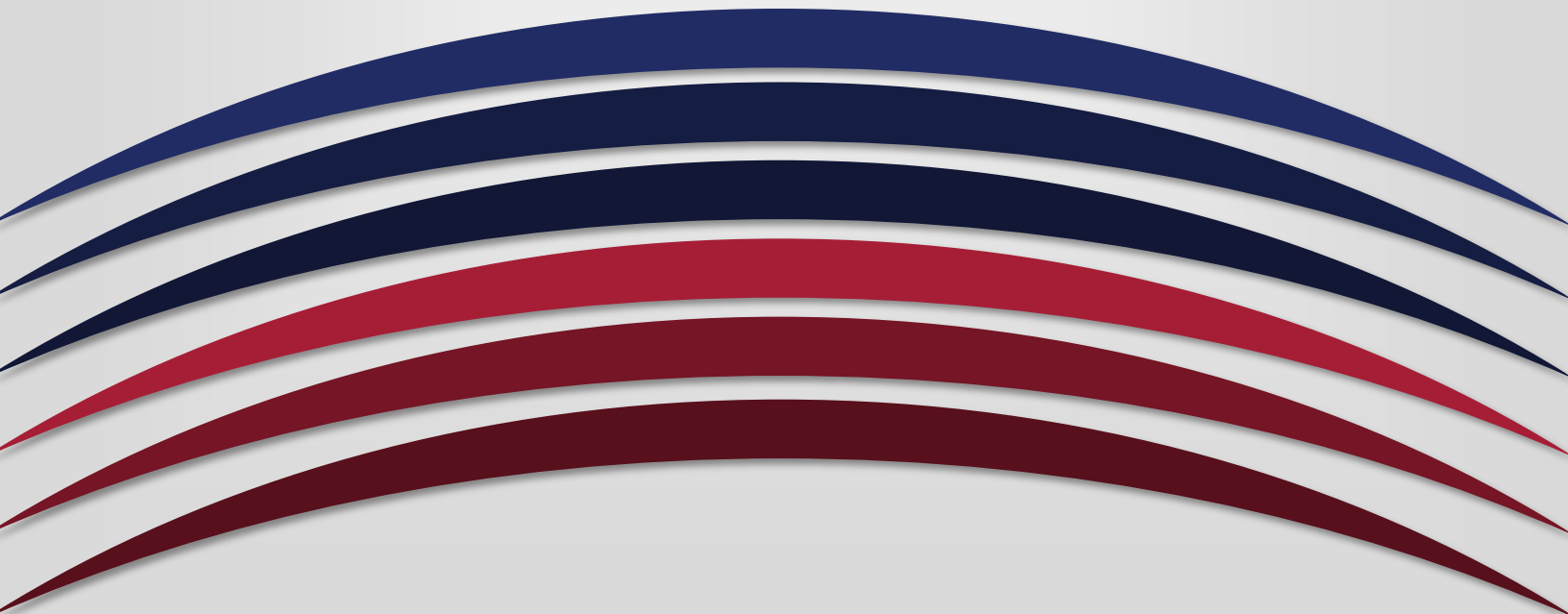


UNIVERSITY OF ARKANSAS  
PULASKI TECH

Assessment Report:  
2019-2020:  
Discrete Math



1. Name of individual compiling report: Shannon Vaughn

2. Date of submission: 9/28/2020

3. Is the assessment plan

☐ an initial plan for the  
program

☐ a revision of an old plan

x ☒ unaltered from  
previous year

## Course-Level Learning Outcomes-

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

1. Demonstrate use of proving techniques.
2. Use of symbolic arguments for the construction of truth tables.
3. Demonstrate knowledge of set concepts.
4. Demonstrate ability to identify terms of a sequence.
5. Demonstrate the computation of sums and products.
6. Demonstrate calculation of combinatorics.
7. Use the properties and theorems of functions.

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

All seven.

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

All seven.

### 4. Explain the assessment cycle.

We set the CLO's, teach the material, assess the results, monitor and adjust teaching/assessment methods, and repeat.

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

Direct assessment using a comprehensive final exam related to the CLO's

6. What are the assessment goal(s)?

We set the goals at 70% mastery.

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

We performed above the goal on every CLO.

8. What is your analysis of the findings?

Due to the covid-19 pivot to remote learning, only the more dedicated students made it to the final exam.

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

We plan to continue to monitor the results.