UNIVERSITY OF ARKANSAS
PULASKI TECH

Assessment Report:
2019-2020:
Calculus III

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. Understand and apply two-dimensional and three-dimensional vector-valued functions.
2. Understand and apply functions of several variables.
3. Understand and apply partial derivatives.
4. Understand and apply multiple integration.
5. Understand and apply line and surface integrals.
6. Understand and apply vectors.
7. Understand and apply calculus of vector-valued functions.

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

All except #5.

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 except #5, which was not assessed, and #6, where we scored 67%.

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.