UNIVERSITY OF ARKANSAS
PULASKI TECH

Assessment Report:
2018-2019
Due to Chair/Program Director and Assessment Coordinator by September 4th

Course-Level Learning Outcomes

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

1. Understand and apply two- 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? (2018-2019)

We addressed CLOs 2-4, 6, and 7.

3. Which CLOs are being addressed in your assessment plan next academic year? (2019-2020)

All of them

4. Explain the assessment cycle.

We identified the CLOs to assess. We used the final exam to assess the CLOs. We meet as Calculus faculty to review the assessment results and determine strategies to improve low-scoring CLOs. Repeat.

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

We directly assess using the final exam with problems linked to specific CLOs.

6. What are the assessment goal(s)?

We set our success goal at 70% for each CLO.

7. What were the findings for this academic year? (2018-2019)

CLO 2 had 63% success in Spring '19.
CLO 3 had 50% success in Spring '19.
CLO 4 had 50% success in Spring '19.
CLO 6 had 83% success in Spring '19.
CLO 7 had 67% success in Spring '19.

8. What is your analysis of the findings?

We did well on CLO 6. We were below expectations on CLOs 2-4 and 7.

9. What is the action plan for the next academic year? (2019-2020) Explain.

We are monitoring our progress in each area. We plan to provide more opportunities to practice topics covered under CLOs 2-4 and 7. We will emphasize using the calculator and other technology in class.