

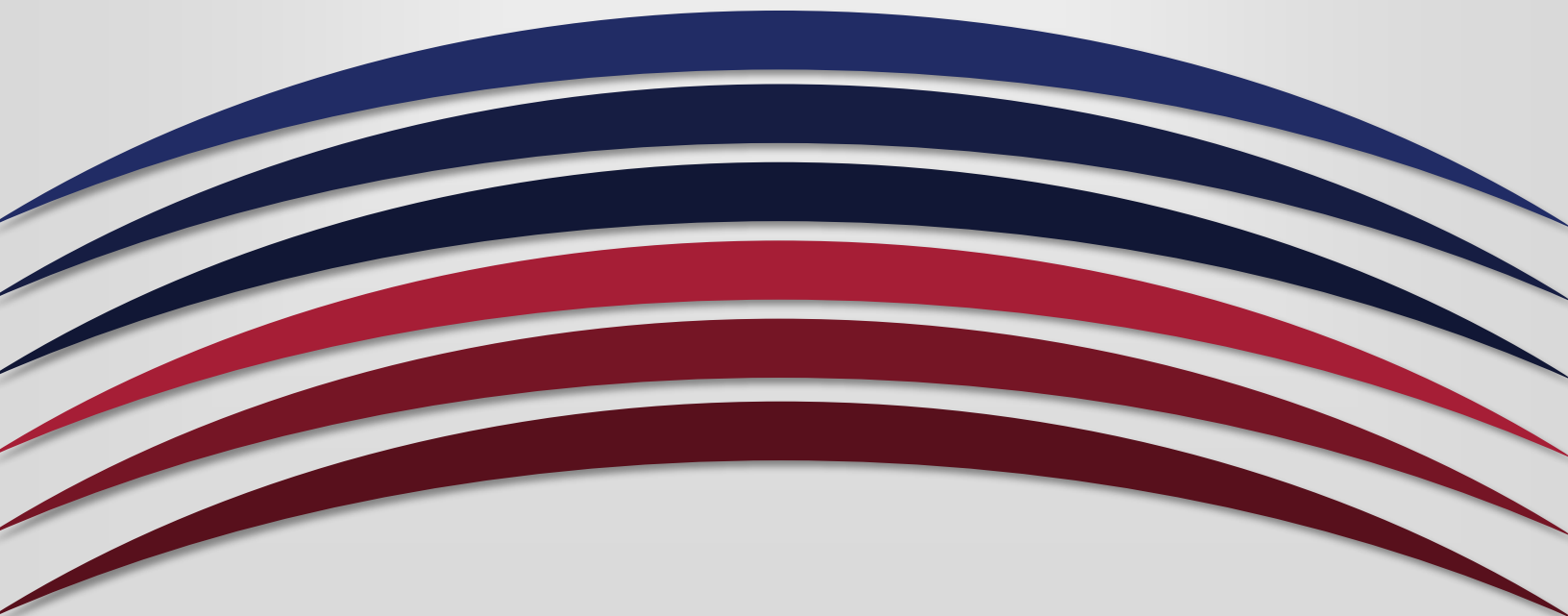
UNIVERSITY OF ARKANSAS
PULASKI TECH

Assessment Report:

2019-2020:

MATH 1302

College Algebra



1. Name of individual compiling report: Shelley Hanson

2. Date of submission: September 3, 2020

3. Is the assessment plan (*Check or highlight one*)

☐ an initial plan for the
program

☐ a revision of an old plan

☒ unaltered from
previous year

Course-Level Learning Outcomes-

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

The student will demonstrate:

CLO #1 The ability to perform and solve basic function operations and algebraic problems using appropriate vocabulary

CLO #2 Critical thinking to formulate decisions and problem solving based on reasoning and analysis

CLO #3 The appropriate use of technology to supplement and enhance conceptual understanding, visualization, and inquiry

CLO #4 The ability to synthesize information from a variety of sources to solve problems and interpret results

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

All CLOs were addressed this academic year.

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

All CLOs will be addressed in the assessment plan for next year.

4. Explain the assessment cycle.

All instructors give a common, comprehensive, multiple choice final exam at the end of each semester. Results are put into Nuventive and evaluated semester by

semester. Changes are made to the homework, layout and final exam questions based on the results.

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

We administer a 2 hour, comprehensive, multiple-choice exam. It is a direct method.

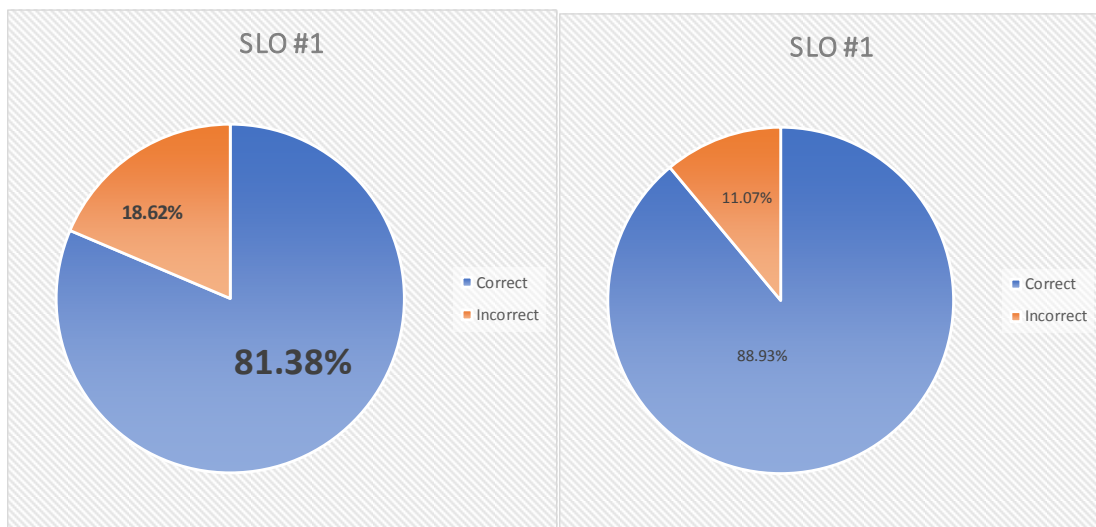
6. What are the assessment goal(s)?

The goal of our assessment is to reach a 70% threshold for each CLO.

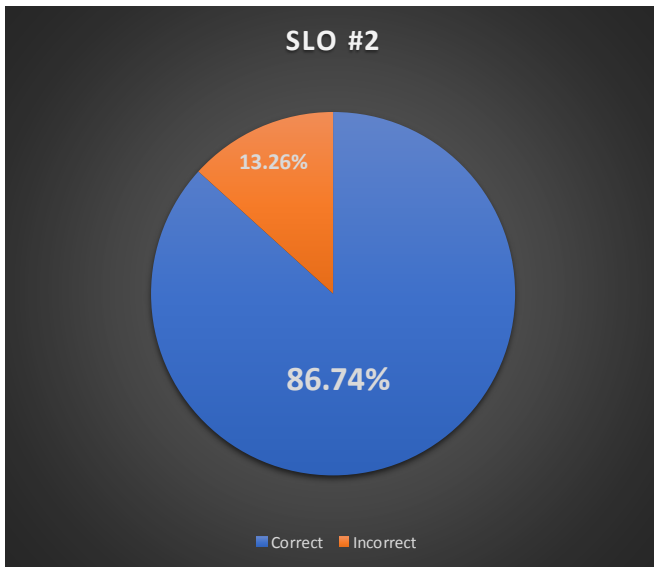
7. What were the findings for this academic year? (2019-2020)

Fall 2019 CLO #1

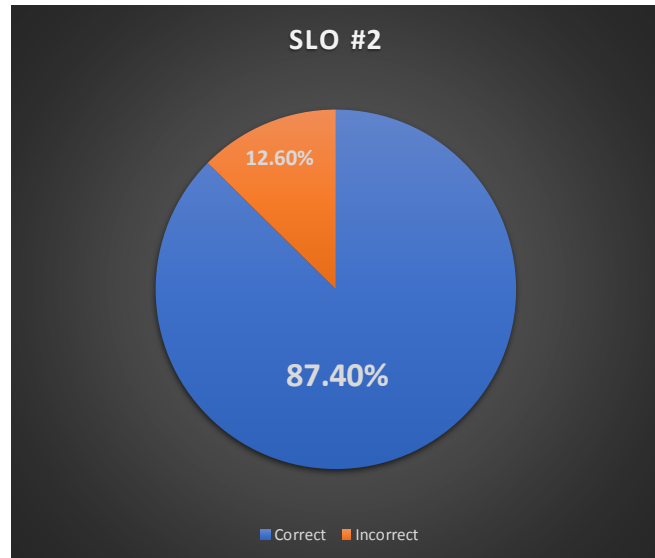
Spring 2020 CLO #1



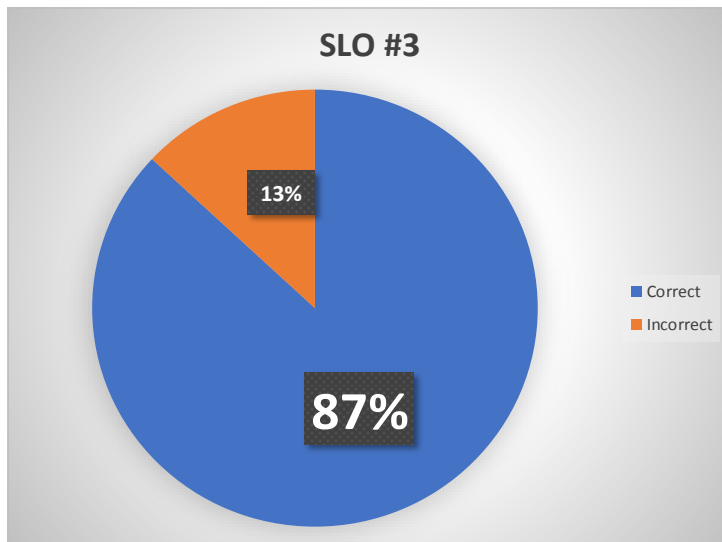
Fall 2019 CLO #2



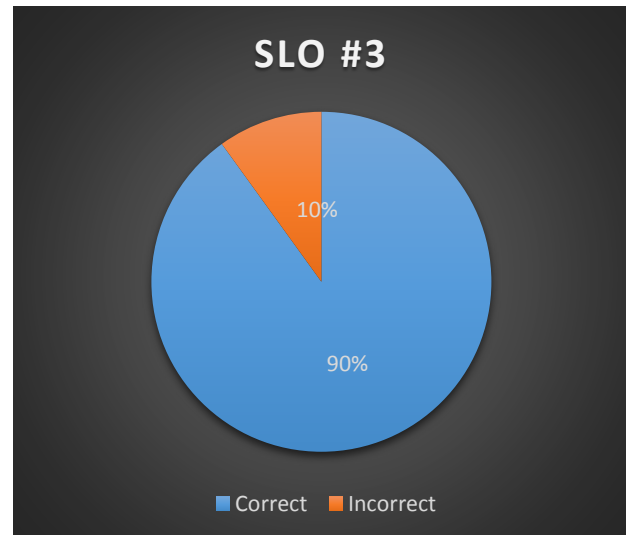
Spring 2020 CLO #2



Fall 2019 CLO #3

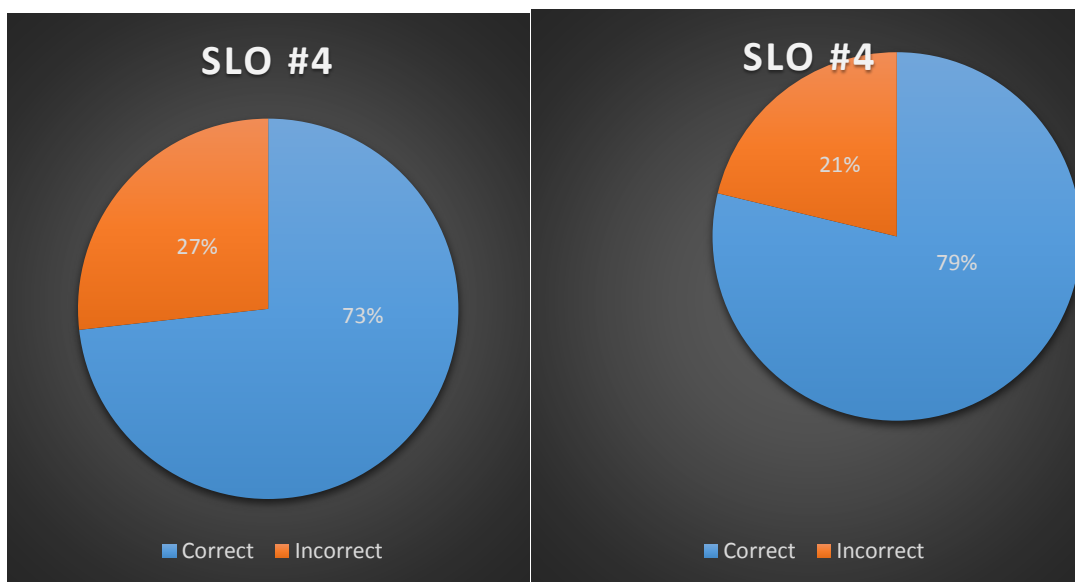


Spring 2020 CLO #3



Fall 2019 CLO #4

Spring 2020 CLO #4



8. What is your analysis of the findings?

Our students are meeting the threshold of 70% on all CLO's. While we are happy to see such successful results, we are always striving to improve the College Algebra course. Even though the threshold was met for CLO #4 it is consistently our lowest percentage. We are happy to see the increase from fall to spring. CLO #4 tests a higher order of thinking. Students are being asked to apply, analyze, and evaluate instead of understand or remember.

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

We will continue to administer the final exam each semester. In order to improve on our cognitive levels of our learning outcomes, we will incorporate real world questions throughout the semester so that the students will have experience on these types of problems. This is important because College Algebra is a pre-requisite for other math classes in several degree plans.

We will also be focusing on retention this upcoming year. This is always a struggle for this course and we are constantly trying to find new ways to keep our students.