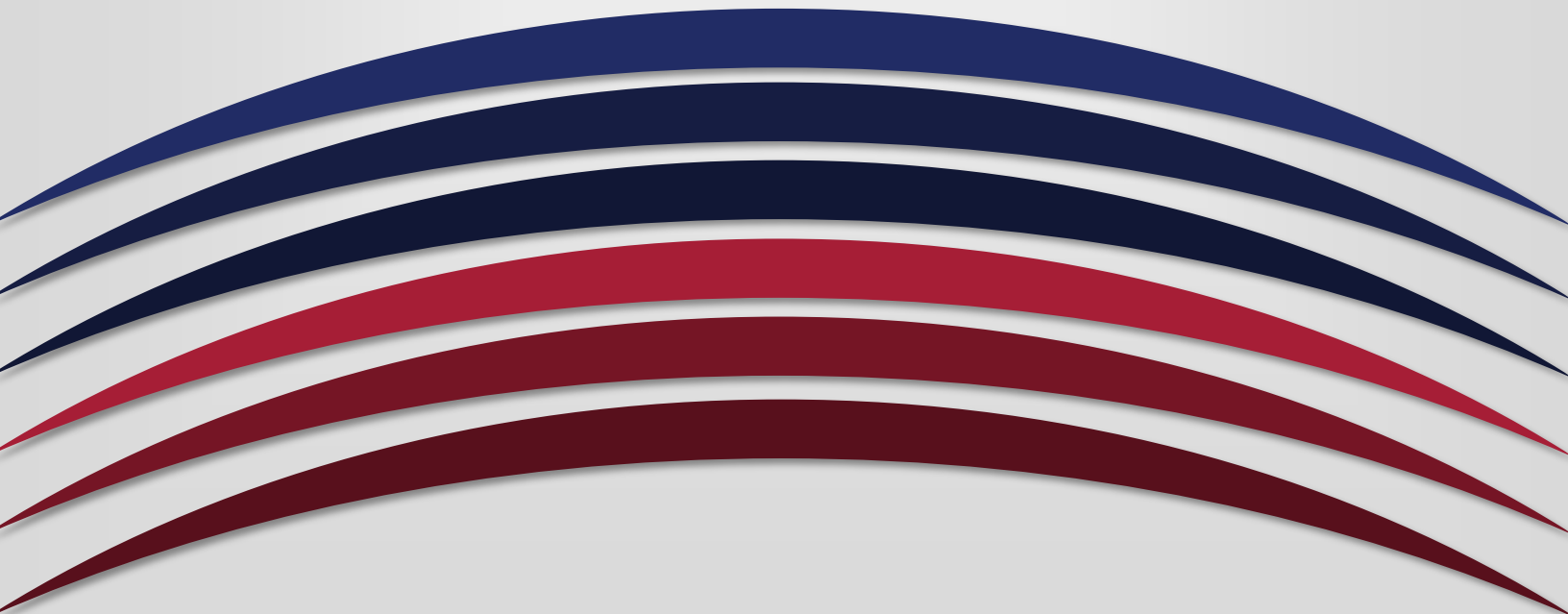




UNIVERSITY OF ARKANSAS
PULASKI TECH

Assessment Report:
2019-2020:
MATH 0402
Transitional Algebra



1. Name of individual compiling report: Christin Hankins

2. Date of submission: September 8, 2020

3. Is the assessment plan

☐ 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 factor quadratics and other polynomials.

CLO #2: to solve linears, quadratics and other polynomials.

CLO #3: to graph linear equations.

CLO #4: to simplify polynomial expressions, rational expressions and radicals.

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.

Our assessment cycle is to administer a common, comprehensive, multiple-choice final exam at the end of each semester. We compile and evaluate the results. Depending on the outcomes, we will meet as a team and decide on optimal modifications.

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

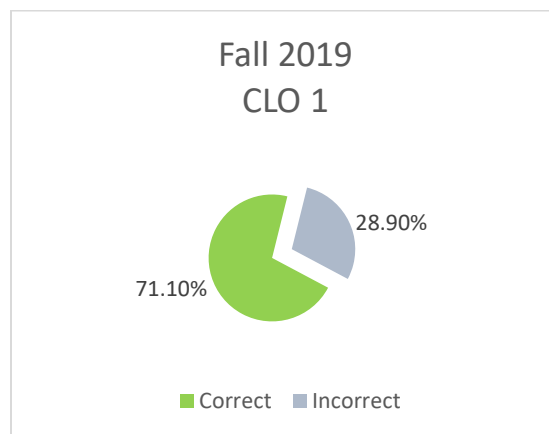
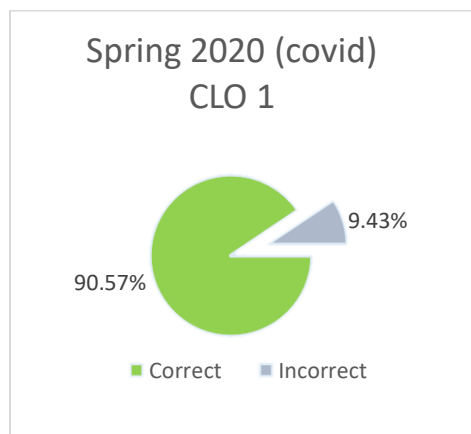
We administer a 2-hour, comprehensive, multiple-choice exam. It is a direct method.

6. What are the assessment goal(s)?

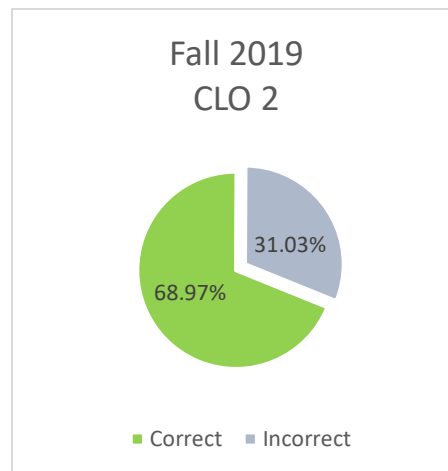
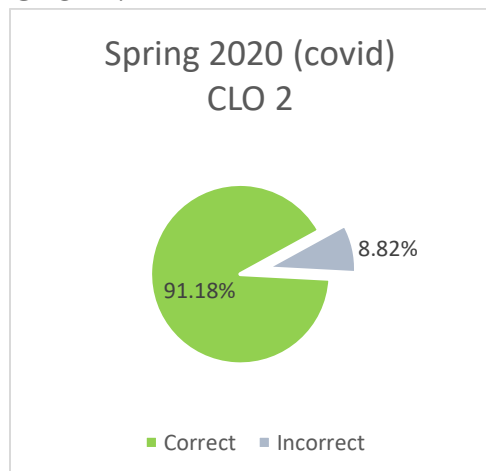
The goal of our assessment is to reach a 70% threshold for each CLO.

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

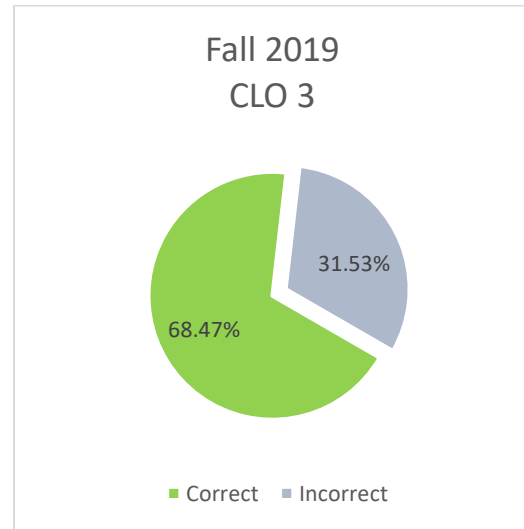
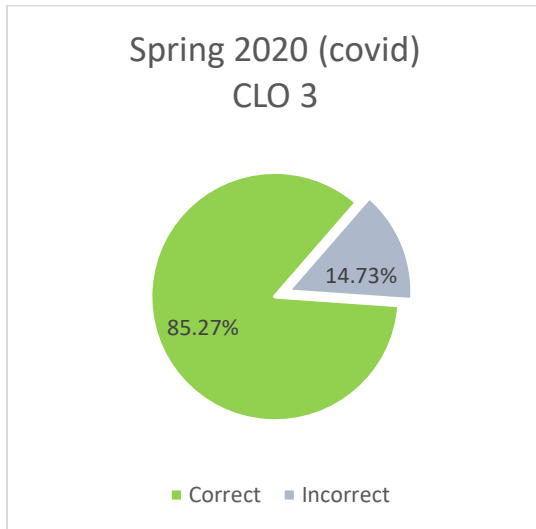
CLO #1:



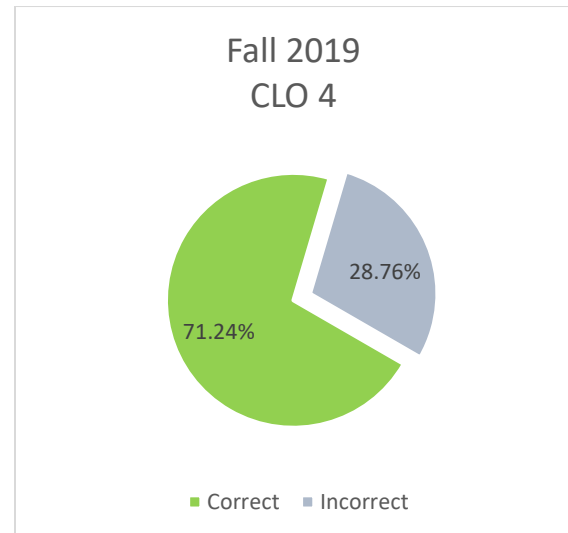
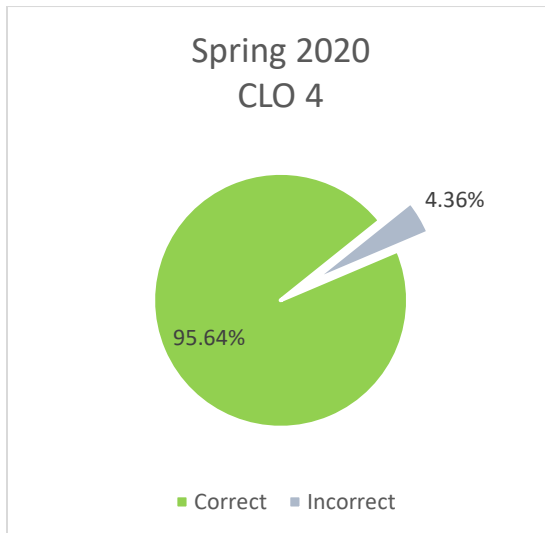
CLO #2:



CLO 3



CLO 4



8. What is your analysis of the findings?

The outcomes showed significant increases from Fall 2019 to Spring 2020. While we would like to be encouraged, we are not naïve. The adjustments to the course from Fall 2019 to Spring 2020 were not substantial enough to warrant such big gains, especially since we've been seeing a slow and steady decrease for all CLOs since we started reporting this data in Fall 2018. In the middle of the spring term, the college (and globe) were hit with a pandemic. Students and Instructors were required to shift from solely face-to-face instruction to solely online with a little over half of the semester left to complete virtually. We did not have a virtual exam monitoring system in place and conclude that the drastic increase from Fall to Spring could be attributed to the students' misunderstanding of academic integrity.

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

We will continue to administer the final exam each semester. Since we are still experiencing the effects of the pandemic and do not yet have a fail-proof monitoring system in place, we will have another opportunity this semester to test online and compare Spring 2020 to Fall 2020. As always, we will continue our efforts for retention. However, with the pandemic and not being able to host all students in person, we are getting creative with how to encourage assignment completion and long-term recall of concepts and skills learned. Most significantly, we are using many of the strategies established by the online class environment. We, as a team, have not met this semester to collect and document ideas but will soon.