



**Central
Arizona
College**



Baseline Assessment

Assessment Reporting Form: This report is to show that academic assessment is occurring and that the results are being used to make changes to improve student learning. The assessment being reported relates to Measurable Student Level Outcomes (MSLOs). This Baseline Assessment Reporting Form shows the percentage of students who are proficient in the student learning outcome(s) assessed and identifies improvements that will be made to increase that percentage.

Course being assessed -

MAT275

Term in which assessment was completed (baseline) -

Spring 2025

Please provide the name of the assessment and a description of its type (multiple-choice quiz, essay aligned with rubric, performance exam, etc.).

Test 1 and Test 2 (free response questions)

What is the targeted proficiency level for this assessment?

0.75

How many faculty members administered the assessment?

1

How many sections were included in the assessment?

1

How many students participated in the assessment?

18

Term in which follow-up assessment will be completed

Spring 2026

What efforts and/or changes will be made based on the results of the baseline data? Check each that will

Enhance student learning by adding additional instruction to the course i.e. lecture, PowerPoint, video, etcetera.

List the first MSLO that was assessed -

Apply various techniques to solve first-order differential equations.

Which Common Student Learning Outcome(s) does this MSLO align with?

Integrative Knowledge

How many students demonstrated proficiency on this MSLO?

7

List the second MSLO that was assessed (if applicable)

Model real-life problems using first and higher order differential equations.

Which Common Student Learning Outcome(s) does this MSLO align with?

Reasoning Skills

How many students demonstrated proficiency on this MSLO?

14