



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 -**

Bio 202

**Term in which assessment was completed (baseline) -**

Fall 2024

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

Anatomy and Physiology 2 post assessment exam (multiple choice)

**What is the targeted proficiency level for this assessment?**

70 percent or better

**How many faculty members administered the assessment?**

3

**How many sections were included in the assessment?**

4

**How many students participated in the assessment?**

55

**Term in which follow-up assessment will be completed**

Spring 2025

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

Add additional materials and activities for reinforcement

**List the first MSLO that was assessed -**

MSLO 1 (Comprehension Level) List the organs of the endocrine system and describe the physiological role of the

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

Integrative Knowledge

**How many students demonstrated proficiency on this MSLO?**

50

**List the second MSLO that was assessed (if applicable)**

MSLO2.(Comprehension Level) Discuss the composition and physical characteristics of whole blood including the mechanism of blood clotting. Understand the ABO system of blood typing

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

Integrative Knowledge

**How many students demonstrated proficiency on this MSLO?**

52

**List the third MSLO that was assessed (if applicable)**

MSLO 3. (Evaluation Level) Relate the anatomy of the heart to its physiology by comparing each deflection on an ECG recording to the heart chamber that is affected.

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

Integrative Knowledge

**How many students demonstrated proficiency on this MSLO?**

45

**List the fourth MSLO that was assessed (if applicable)**

MSLO 5. (Comprehension Level) List the organs of the lymphatic system and understand their role in the development of immunity in humans. Describe the function of B cells and T cells

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

Integrative Knowledge

**How many students demonstrated proficiency on this MSLO?**

39

**List the fifth MSLO that was assessed (if applicable)**

MSLO 6. (Comprehension Level) List the organs of the respiratory system and describe the physical principles governing ventilation and diffusion of gases throughout the body. 7

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

Integrative Knowledge

**How many students demonstrated proficiency on this MSLO?**

52