

# Assessment Report - Comprehensive Review

## Program Assessment

<b>Department:</b>	Biology
<b>Program:</b>	Biology AS - Human Emphasis
<b>Submitter:</b>	Joe Saldivar
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### A. List your Program Learning Outcomes (PLOs)/Administrative Unit Outcomes (AUOs)

1 Identify medical problems and apply appropriate and effective solutions.

2 Analyze a clinical situation using anatomical terminology, select the correct technology to use for

3 Demonstrate proficiency using a microscope.

4

### B. How did your outcomes assessment results during the past three years inform your program planning? Use the bullet points below to organize your response.

Biology faculty are modifying laboratory exercises to truly reflect our Program learning outcomes. We were also able to identify specific models and equipment required to properly teach and assess our PLOs.

### C. Describe how the program monitors and evaluates its effectiveness.

The SLO's have been mapped to meet the PLOs. General Biology faculty meet 2-3 times per semester to discuss assessment tools and assessment results.

### D. Describe how the program engages all unit members in the self-evaluation dialog and process.

General Biology faculty meet 2-3 times per semester to discuss assessment tools and assessment results.

### E. Provide recent data on the measurement of the PLOs/AUOs, as well as a brief summary of findings.

BIOL-B16, 18, 32 and 33; All students are required to successfully complete a one-on-one exercise that requires the proper use of a microscope. Additionally, faculty employ case studies that required to integrate knowledge obtained throughout the series of Allied Health courses.

**F. How do you engage in collegial dialog about student learning outcomes?**

General Biology faculty meet 2-3 times per semester to discuss assessment tools and assessment results.

**Institutional Learning Outcomes:**

Think: Think critically and evaluate sources and information for validity and usefulness.

Communicate: Communicate effectively in both written and oral forms.

Demonstrate: Demonstrate competency in a field of knowledge or with job-related skills.

Engage: Engage productively in all levels of society – interpersonal, community, the state and the nation, and the world.

**G. What have the program's PLOs/AUOs revealed or confirmed in the past three years?**

Our laboratory exercises require additional technology and equipment to meet the standards of private industry and transfer universities.

**H. If applicable, list other information, data feedback or metrics to assess the program's effectiveness (e.g., surveys, job placement, transfer rates, output measurements).**

Difficult to find actual data.

**I. a. How do course level student learning outcomes align with program learning outcomes? Instructional programs can combine questions I and J for one response (SLO/PLO/ILO). b. How do the program learning outcomes align with Institutional Learning Outcomes?**

All Biology course's SLO's have been mapped to meet the PLOs and ILOs.

**J. Include the activities your program is planning to close the achievement gaps during the next three years and the impact you expect from them.**

Biology faculty are engaged in all aspects of the Guided Pathways initiative.



