Instructional Program Review- Annual Update Template

Instructional Program

Indicate the type of program: ☐ AA; ☐AS; ☐AA-T; ☒AS-T; ☐Certificate

Program Name: Environmental Science

Academic Year: 2025-26

Name of Faculty Submitter(s): Dr. Beverly Ranney

Annual Update #1 ☐ #2 ☒

Note: An Annual Update must be submitted each year that a Program Review is not submitted.

I. Progress on Program Level Outcomes (PLOs) and Student Learning Outcomes (SLOs) Data

A) Summarize the progress made on course level outcomes and assessments (SLOs):
Overall, SLOs success rates remained high at 70% or greater for all populations including African Americans, which is an upward improvement of over 6% in the last year..

B) Please list specific courses or SLOs that were identified for student-centered growth and improvement.
Use the information from Part C of the "Program Learning Outcomes Assessment Data" section of the IPR.
BIOL 1 was the course identified.
   1) List the actions identified to help grow or improve those areas.
      The actions identified were to seek professional development opportunities that focus on building connections with students of color.
   2) Discuss the progress the program has made on those actions. Include any data used to support progress.
      The program faculty has attended webinars on building communities for students in STEM.

C) Please list any actions identified to support equitable outcomes.
Use the information from Part D of the "Program Learning Outcomes Assessment Data" section in the IPR.
Click or tap here to enter text.
   1) List the specific student groups the program identified as students they would like to focus their efforts on.
      No specific student groups were identified given the small overall number of students seeking degrees in the program. Only one degree was awarded in AY 2022-23 and none appear to have been awarded in AY 2023-24, or AY 2024-25. However, there are now 16 declared majors as of Spring, 2024.

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    2) Discuss any progress with equitable action within the program and any measures taken to ensure the identified student group(s) would receive appropriate support. Include any data used to support progress.

    For progress to occur before the next full program review, it is recommended that faculty be offered a sabbatical to write an OER textbook for BIOL 1. If the District's budget cannot provide for sabbatical leave, then it is recommended that the Dean of Instruction work with the willing faculty to create a schedule that allows for continuous blocks of time to write and refine the work.

D) Describe any other program, course, and/or instructional changes made by your program as a result of the outcomes assessment process.

    No changes were made due to the result of the outcomes assessment process.

E) Reflecting on the responses for B) and C) above, what will you implement for the next assessment cycle?

    For the next assessment cycle, faculty would like to implement more interactive lessons that can be tied to SLOs. The use of Playposit may allow for increased engagement.

II. Progress Toward Achieving Program Goals, Objectives, and Outcomes

These should be carried forward from your full Program Review (Section III), or from your Annual Update #1, if revised since your full Program Review.

A) List the 2-3 goals from your Program Review or most recent update.

    1. **GOAL #1**
    Develop culturally-relevant OER textbook for BIOL 1.

    2. **GOAL #2**
    Click or tap here to enter text.

    3. **GOAL #3**
    Click or tap here to enter text.

B) Have any goals been completed or discontinued?
If yes, please list the goal and whether it has been completed or discontinued; if discontinued, please explain why.

Yes ☐   No ☐

    The goal has not been completed or discontinued. Faculty have begun to draft chapters based on the COR and C-ID.

C) Discuss the objectives and related outcomes for each goal.

    1. **GOAL #1 Objective(s) with related Outcome.**
    Identify dedicated time to research and write.

Identify training to support faculty learning about culturally relevant practices; one example may be better incorporating Traditional Ecological Knowledge (TEK) that is currently embraced by the National Park Service in incorporating Native American voice into scientifically-sound management practices

- **Discuss any progress toward meeting the goal based on the goal objectives.**
  Chapter outlines for the first three chapters have been created. The goal is to create a 15 chapter textbook.

- **Briefly explain how you have been measuring the goal and any notable indicators of forward progress.**
  I have been measuring forward progress by noting how many chapter outlines I've gotten through.

2. **GOAL #2 Objectives with related Outcome.**
   Click or tap here to enter text.

   - **Discuss any progress toward meeting the goal based on the goal objectives.**
     Click or tap here to enter text.

   - **Briefly explain how you have been measuring the goal and any notable indicators of forward progress.**
     Click or tap here to enter text.

3. **GOAL #3 Objectives with related Outcome.**
   Click or tap here to enter text.

   - **Discuss any progress toward meeting the goal based on the goal objectives.**
     Click or tap here to enter text.

   - **Briefly explain how you have been measuring the goal and any notable indicators of forward progress.**
     Click or tap here to enter text.

D) **List any resource you are requesting for each goal.**

   1. Goal 1 ☐   Goal 2 ☐   Goal 3 ☐

      Please list the resource and how it relates to the goal.
      Click or tap here to enter text.

   2. Goal 1 ☐   Goal 2 ☐   Goal 3 ☐

      Please list the resource and how it relates to the goal.
      Click or tap here to enter text.

   3. Goal 1 ☐   Goal 2 ☐   Goal 3 ☐

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Please list the resource and how it relates to the goal.
Click or tap here to enter text.

III.   New Goals (optional)

This section is optional and should be used to replace a completed or discontinued goal OR if a new goal has become necessary for the program.

A. NEW GOAL #1

Click or tap here to enter text.

1. Alignment to BCC Strategic Priority *(Select at least one but choose all that apply)*
Choose an item.

Choose an item.

Choose an item.

Choose an item.

2. Relationship to Guided Pathways

☐   Clarify the Path

☐   Entering the Path

☐   Staying on the Path

☐   Support Learning

3. Please list at least one objective for achieving this goal.
Click or tap here to enter text.

4. Please list outcome statements for each objective.
Click or tap here to enter text.

5. Briefly explain how you will measure the outcome.
Click or tap here to enter text.

6. Please list resources (if any) that will be needed to achieve the goal/outcome.
Click or tap here to enter text.

B. NEW GOAL #1

Click or tap here to enter text.

1. Alignment to BCC Strategic Priority *(Select at least one but choose all that apply)*
Choose an item.

Choose an item.

Choose an item.

Choose an item.

2. Relationship to Guided Pathways

☐ Clarify the Path

☐ Entering the Path

☐ Staying on the Path

☐ Support Learning

3. Please list at least one objective for achieving this goal*.*
Click or tap here to enter text.

4. Please list outcome statements for each objective.
Click or tap here to enter text.

5. Briefly explain how you will measure the outcome*.*
Click or tap here to enter text.

6. Please list resources (if any) that will be needed to achieve the goal/outcome*.*
Click or tap here to enter text.

IV. Resource Requests: What does the program need to meet its goals and objectives?

What does the program need to meet its goals and objectives?
List all resources from Sections II.D and III.6 below.
If there was no room on the template to list all resources being requested for a single goal/objective, you may list additional resource requests here. Also list any resources required to implement planned improvements.

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IMPORTANT: A **BUDGET ALLOCATION PROPOSAL** must be completed and submitted for **EACH** new resource requested.

Goal #	Objective #	Resource Required	Estimated Cost	BAP Required? Yes or No	In No, indicate funding source
1	1	Sabbatical Leave	$18,000-$36,000 plus benefits to hire adjuncts to fill in classes as needed when faculty are on sabbatical	I'm unsure if BAPs are required to hire adjunct faculty.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
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