

BUDGET NEEDS ASSESSMENT APPLICATION
Fall 2019

Name of Person Submitting Request:	Todd Heibel
Program or Service Area:	Environmental Sciences
Division:	Science
Date of Last Program Efficacy:	SP 16
What rating was given?	Continuation
Amount Requested:	\$1,500
Object Code:	1480
State specifically how this budget will be used:	Outreach and Marketing, including Workshops
Strategic Initiatives Addressed:	Student Access; Student Success; Communication, Culture, and Climate; and Leadership and Professional Development
Needs Assessment Resources (includes Object Codes & Strategic Initiatives):	https://www.valleycollege.edu/about-sbvc/campus-committees/academic-senate/program-review/needs-assessment.php

Note: To facilitate ranking by the committee, please submit separate requests for each general area of budget augmentation needed. Do not request a lump sum to encompass many different areas.

One-Time ☐ Ongoing ☒

Does program or service area have an existing budget? Yes ☐ No ☒

Are there alternative funding sources? (for example, Department, Budget, Perkins, Grants, etc.)

Yes ☐ No ☒

If yes, what are they: _____

1. Provide a rationale for your request (Give a detailed explanation of why this budget increase is needed.)

There is no budget for the interdisciplinary Environmental Science Program. This program currently offers an AS Degree, with a future AS-T Degree to be offered beginning in the Fall 2020 semester. Although the Biology, Chemistry, Geology, Mathematics, and Physics-Astronomy Departments that comprise the core curriculum of the Environmental Science AS Degree has its own budget, these departments cannot afford the additional burden of funding another program. The comprehensive Environmental Science AS (and future AS-T) Degree prepares students for transfer into a variety of California State, University of California, and other four-year Environmental Science program. It also prepares students for a variety of high growth potential careers within botany, ecology, environmental engineering, environmental geology, hydrology, planning, toxicology, and related fields.

2. Indicate how the content of the department/program's latest Efficacy Report and/or current EMP supports this request and how the request is tied to program planning. (Directly reference the relevant information from your latest Efficacy Report and/or current EMP in your discussion.)

In addition to a general instructional supply budget, as noted within the SP 2016 Efficacy document, the latest EMP document explicitly details the need for an outreach, marketing, and workshop budget:

[The] department will request establishment of a budget within the Program Review Needs Assessment process. While the various programs that comprise this interdisciplinary degree already have established institutional budgets, it is not realistic to expect them to devote precious resources to the Environmental Science program. If approved, the budget would facilitate outreach and marketing efforts, student success workshops, and site visits to four-year transfer institutions and regional employers.

3. Indicate any additional information you want the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, or planning, etc.*).

The Environmental Science Program is in consultation with campus S-STEM and MESA enrichment programs. These programs prepare students for success in science and mathematics courses, while at SBVC and post-transfer. In addition, they better prepare students for careers in the sciences and mathematics.

4. Indicate any related costs (including any ongoing maintenance or updates) and department/program plans to support those costs.

There may be ancillary instructional and non-instructional supply costs incurred, but the only maintenance currently required is for continued outreach, marketing, and workshop activities. This will not only raise awareness of this program, but also foster greater student access, success, and persistence.

5. What are the consequences of not funding this budget request?

Although the Environmental Science Department will continue to offer an AS (and future AS-T) Degree, the number of students completing the degree and transferring to four-year programs will remain low. The number of students entering rewarding and high-paying careers that positively contribute to society will be curtailed. This is especially crucial within the Inland Empire, where rates of higher educational attainment remain low. Larger numbers of Environmental Science graduates and those pursuing related careers has the potential to improve the quality of life for everyone in the Inland Empire.