

FACILITIES NEEDS ASSESSMENT APPLICATION
Fall 2019

Name of Person Submitting Request:	Amy Avelar
Program or Service Area:	Chemistry
Division:	Science
Date of Last Program Efficacy:	Spring 2016
What rating was given?	Continuation
Amount Requested (if available):	\$1000
Strategic Initiatives Addressed:	2. Student Success 6. Provide Exceptional Facilities
Needs Assessment Resources (includes Strategic Initiatives):	https://www.valleycollege.edu/about-sbvc/campus-committees/academic-senate/program-review/needs-assessment.php

NOTE: To facilitate ranking by the committee, submit separate requests for each project; however, multiple items can be submitted as one request if it is required that the projects are packaged together.

You are required to meet with Robert Jenkins--Director, Facilities, Maintenance, & Operations—by WEDNESDAY, OCTOBER 9 if you are submitting a Facilities Needs Request. 909-384-8662 or rjenkins@sbccd.cc.ca.us.

Please provide the date of your meeting:

Bob Jenkins & Amy Avelar: 9/17/19 at 2:45 pm, 9/26/19 at 11:30 am

Capital Improvement ☐

Brief Statement of Request:

We are requesting that a wall in PS 228 be painted with white, dry-erase paint.

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. (Explain, in detail, the need for this project.)

The current white board is blocked with the projector screen when the screen is in use. However, as many problems in chemistry require us to show students how to solve the problem in a step-wise fashion, having the wall painted so we can write on it will allow us to keep the screen down and show the class how to solve the problem using the wall as a whiteboard. We are also requesting a smart projector, and the smart projector would be placed on the same painted wall.

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.*)

A goal of the last efficacy report and the current EMP is to increase the number of degrees awarded in Chemistry and to increase success. Students learn how to solve problems by example in chemistry. We share a portable whiteboard, but as we have increased the offerings of majors' prep courses over the years, in response to demand, the equipment utilized by this sequence of classes has undergone increased use, and is now beginning to break down. It is also difficult for students in the back of the room to see the small portable board.

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

The original design of our instructional space blocks the white boards when there is something projected and the screen is down. We need to be able to show the work of whatever is projected and painting a wall white with dry erase paint seems to be the most cost efficient way to do so.

4. What are the consequences of not funding this facilities request?

We have to move the screen each time we want to show how to solve a problem. We also have to turn off the projector, not just mute it, so that we are not blinded by the projector light. However, it takes some time for the projector to turn back on. The quality of instruction suffers.