

FACILITIES NEEDS ASSESSMENT APPLICATION
Fall 2019

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| 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): | \$ |
| Strategic Initiatives Addressed: | 1. Increase Access 2. Promote 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:

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| Bob Jenkins, Rick Hrdlicka & Amy Avelar: 9/17/19 at 2:45 pm, 9/26/19 at 11:30 am |
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Capital Improvement ☐

Brief Statement of Request:

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| The smart cart in PS 310 needs to be moved away from the waste fume hood. The wires need to be placed in manner that are not a trip hazard. This is a safety issue. |
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Are there alternative funding sources? (for example, Department, Budget, Perkins, Grants, etc.)

Yes ☐ NO x

If yes, what are they? _____

1. Provide a rationale for your request. (Explain, in detail, the need for this project.)

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| Faculty members are continually within about 2 feet of the waste hood when they teach lab in PS 310. Trace vapors may still be breathed in by the faculty members and may be a safety issue. We do use chemicals, that, after long term exposure, a person may become sensitive to. Students need to access the fume hood, but the walkway is limited because of the smart cart. Students also place their containers of waste on the smart cart as they wait in line for their turn to dispose of the waste. Even with constant reminders, students forget and still place their items down on the smart cart, potentially contaminating the instructors' items or damaging the cart itself. The smart carts do not have corrosive resistant tops (the lab benches do) so any accidental spills onto the smart cart could potentially damage the cart. |
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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.*)

Our 2018-2019 EMP states a goal of increasing our majors and STEM degrees. Without ensuring instructor and student safety in the laboratories, we cannot properly run our lab classes. We are not in a position to simply not offer lab; it would decimate our program, and impact the educational paths of hundreds of students per semester. PS 310 houses all of the organic lab courses: CHEM 104, 105, 212, and 213 as well as CHEM 205, the quantitatively analysis course. All the faculty members who teach these course may be affected.

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

This is primarily a safety issue.

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

We have already have had a faculty member indicate that they think their health is being negatively affected by the vapors. They close the hood but it gets opened/ closed by students as they dispose of their lab waste. If not addressed, this faculty member and others may have health issues.