

**Facilities  
NEEDS ASSESSMENT APPLICATION**

Facilities: Programs should list no more than three facility or renovation items. Identify the area in need of physical renovation, maintenance and/or repair. Requests for additional space should also be listed here. *Requests listed in this category will be forwarded to the Facilities Committee to evaluate through their own processes.* Provide a thorough rationale, **using data to support your request**, in order to help the Facilities Committee with their evaluation. List the approximate cost of your request.

Name of Person Submitting Request:	<b>John Stankas</b>
Program or Service Area:	<b>Chemistry</b>
Division:	<b>Science</b>
Date of Last Program Efficacy:	<b>2011</b>
What rating was given?	<b>Continuation</b>
Strategic Initiatives Addressed:	Student Success

1. Renovation Request

The current Chemistry laboratories (PS310, 312, 315, 316, 318) have limited white-board space (6 feet) which is insufficient for complex problem solving and illustrations of the atomic realm. There are several possible renovations that would make the laboratory white-board space more conducive to student learning. The white-boards could be stackable (up-and-down) so that when one board is full it can slide up revealing additional white-board space to continue the problem or illustration. Another possibility is to have the white-boards slide sideways (left-to-right) to continue a problem. The current white-board space is also the area to project an overhead or PowerPoint slide. The campus encourages faculty to utilize technology to aid instruction and student learning, but the current laboratories are not conducive to this. Additional space on either side would permit some problem solving to be visible while the projected image is also available – a necessary requirement to explain some concepts. An example can be seen at <http://www.3dproducts.co.nz/whiteboards-sliding-hinged.php>

Approximate Cost: approximately \$3500 for each room.

2. Renovation Request

The offices in the new Physical Sciences building all have a corkboard and mail slot outside of the offices except PS193. Despite repeated attempts by the department and the dean to request remedy, there remains no corkboard or mail slot. The lack of such impedes asynchronous communication between the instructor and students.

Approximate Cost: approximately \$500

3. Renovation Request

Approximate Cost: