

**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:	Richard Jaramillo/Achala Chatterjee
Program or Service Area:	Diesel Technology
Division:	Applied Technology Transportation and Culinary Arts
Date of Last Program Efficacy:	2010
What rating was given?	Continuation
Strategic Initiatives Addressed:	6.1.1 and 6.1.3 and 5.2.1

1. Renovation Request

In 2011, the Diesel Program was moved from the San Bernardino Airport to the old SBVC Maintenance Building on Grant Street. This move saved the college \$70,000 in rent. When the move was made, no modification or upgrades were done to the old maintenance building. Thus, the employee break room and the conference room were turned into two classrooms for the program. This was accomplished by changing the furniture and slapping on two small whiteboards in the rooms. The Fire Marshall has determined that each room can hold a total of 21 people. That is 20 students and one teacher. This is not adequate. The rooms need to be combined by tearing down a wall because a typical Diesel class has 25-30 students. This request supports the campus wide strategic initiatives of student success and institutional effectiveness. It also supports the campus wide strategic initiatives of campus culture and climate. During the last year the FTEF dropped and number of FTES also decreased as sections were cut. The WSCH/FTEF has improved from 352 to 405. However this number will go down, since the enrollment in each class is limited to what is legally required per fire codes. Inland empire is the warehouse capital of this region. There is a high demand for Diesel Technicians. The Center of Excellence study on Bus and Truck Technology done in March 2012, projected 90 openings each year from 2011 to 2016 for the Bus and Truck Diesel Engine Specialist. The only other school offering such a program in the inland empire is a private college names UTI that charges around \$35,000 for the certificate program.

Approximate Cost: \$5,000 or cost of material if campus resources are utilized efficiently

2. Renovation Request

The two classrooms described in item 1 have terrible acoustics because the ceilings are high. The voices echo badly and students and instructor cannot communicate. As a result learning and teaching are adversely affected. Since new lighting was not installed, it is impossible to read the whiteboard at night unless one has 20-20 vision. The classroom needs to be of similar quality

and standard as the ones provided for the rest of the campus's academic programs. White boards need to be larger. The building does not even have a drinking fountain that students can use near the classroom. The only fountain in the entire building is locked up in the lab area which is open only during lab times due to safety hazard. This request supports the campus wide strategic initiatives of student success and institutional effectiveness.

Approximate Cost: \$5,000 or cost of material if campus resources are utilized efficiently

3. Renovation Request

The students work on large trucks and there is space for only one truck in the lab. So majority of the students have to work outdoors. The temperature can be as high as 105 degrees or as cold as 45 degrees in winter. Lab has to be cancelled during the time it rains. Luckily this year we have not had much rain. The program is in need of a covered area where the students can complete their lab task and be protected from the sun and weather conditions. It needs an outdoor covered space sufficiently large to accommodate four trucks. This request supports the campus wide strategic initiatives of student success and institutional effectiveness. This fosters the campus wide initiative to increase student persistence and retention

Approximate Cost: \$20,000