

Fall 2014

Name of Person Submitting Request:	Berchman Melancon
Program or Service Area:	Diesel / Transportation
Division:	Applied Technology, Transportation and Culinary Arts
Date of Last Program Efficacy:	Spring 2010
What rating was given?	Continuation
Equipment Requested	FLYWHEEL GRINDER
Amount Requested:	37,000.00
Strategic Initiatives Addressed: (See Appendix A: http://tinyurl.com/15oqoxm)	1.11, 1.9 ,2.8.10 ,2.11 ,2.11.2 ,2.16 ,5.2 ,5.4.1 ,6.6

Replacement

Growth

1. Provide a rationale for your request.

San Bernardino is the only public community college in the Inland Empire that teaches DIESEL Maintenance classes that cover maintenance programs requested by local businesses in the IE area. The new technology is imperative to continue educating the local businesses and students about the importance of maintenance and services for fleets and small businesses. The up to date technology will allow the students to have opportunity to apply for jobs anywhere in the country, not just the inland empire. By allowing the DIESEL Department the opportunity to teach the students how to maintain and resurface flywheels during a clutch replacement will give students working knowledge of the changes made to the components, systems and diagnostics of clutches. The advancement into the future technology includes engine and vehicle component changes, system changes and operation, air system, fuel system, coolant system, lubrication system, airless after-treatment operation and electronic tools and diagnostic changes. This is a the new tools students need to work in the logistics industry.

2. Indicate how the content of the latest Program Efficacy Report and current EMP data support this request. How is the request tied to program planning? (*Reference the page number(s) where the information can be found on Program Efficacy.*)

The current EMP data for 2013 - 14 that support this request related to:

- Year to Year the student enrollment has increased by 14% as jobs increased in the IE the enrollment have decreased. 2014 jobs have increased within the IE area and this is shown in the FTES by about 5% decrease.
- There is a 1% decrease in the retention rate while the success rate has increased around 6%
- The efficiency will still be an issue because in order to comply with the fire code requirements due to the size of the building the classroom will be limited. Hoping the old uninhabited buildings will be removed from the property and new classrooms will be installed so the Diesel program can grow into the Hybrid and electric vehicle training.
- The number of seats in the class limits the growth of the program
- WSCH/FTEF will continue to be low as class enrollment cannot be increased without violating fire codes occupancy limit.
- Certificate awarded have increased by 50% within one year.

Students understand that graduating means jobs.

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

Adding this instructional process to the Diesel 028 class and the Diesel 026 class will give the student an edge on the other privately owned tech colleges in the area. The training will advance the student in an area where there is a demand for service and repair of components.

4. Evaluation of initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources (*for example Department, Budget, Perkins, Grants, etc.*).

The machine will cost average 37000.00
Electrical installation will cost average 5000.00
Maintenance of 3000.00 per year

There is not enough funding to pay for this machine nor the tools needed to complete the training. I would like to request money be put aside for the spending of this machine and tools for clutch maintenance.

5. What are the consequences of not funding this equipment?

THE DEPARTMENT IS ALWAYS LOOKING FOR THE SUPPORT OF ITS ADVISORY COMMITTEE AND DONATIONS FROM BUSINESS WITHIN THE COMMUNITY.
THE DIESEL DEPARTMENT IS ALREADY TEACHING THE LATEST MAINTENANCE TECHNOLOGY. THE FLYWHEEL GRINDER IS A MUST TO EXPAND THE TRAINING.
THIS MATERIAL WILL PROVIDE A STUDENT THE TOOLS NEEDED FOR A STRONGER SUPPORT FOR WHEN HE/SHE GOES INTO THE WORK FORCE IN SEARCH FOR THEIR CAREER GOALS.
IF THIS EQUIPMENT IS NOT PURCHASED
The student will only receive the video training and not the hands on training needed to support the program completely. This is not satisfactory training within the industry. A student with this knowledge will broaden his/her chances of getting a job in the industry.