

EQUIPMENT NEEDS ASSESSMENT APPLICATION
Fall 2016

Name of Person Submitting Request:	Joshua Milligan
Program or Service Area:	Welding Technology
Division:	Applied Technology, Transportation and Culinary Arts
Date of Last Program Efficacy:	Spring 2015
What rating was given?	Continuation
Equipment Requested	Hydraulic Shear
Amount Requested:	\$24,000.00
Strategic Initiatives Addressed: (See http://www.valleycollege.edu/about-sbvc/office-of-president/college_planning_documents/documents/strategic-plan-report-working-doc-8-25-15-2.pdf)	2.8.10, 2.6, 2.6.6,

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

Replacement Additional

Are there alternative funding sources? (for example, Department, Budget, Perkins, Grants, etc.)

Yes NO

If yes, what are they? ___ Department Budget, Perkins _____

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

There is a need for an industrial hydraulic shear in the SBVC Welding Program. Adding this equipment will allow students the opportunity to learn how to operate an industrial shear. The importance of this is the local industry uses hydraulic shears for much of the materiel cutting and the Welding Program currently only focuses on thermal cutting. The addition of a hydraulic shear will also help to save the department money by reducing the amount of gasses used in the thermal cutting processes. Student will directly benefit from the addition to the program because it will also reduce the time it takes to prepare materials for welding. This means the students will have more time to practice their welding skills and less time preparing materials; increasing the skill level of the students adding to overall student success. There are not enough funds in the Department budget or the Welding Department’s share of Perkins funds to purchase the hydraulic shear.

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.*)

Providing adequate equipment in the practical learning process of the welding students will help to maintain the high retention and completion rates (student success). Adequate equipment will also help with students’ enrollment once the students see that the program offers the necessary equipment for their success within the local industry.

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

The SBVC Welding Program is an official Los Angeles City Welding Certification Test site. It also strives to comply the American Welding Society (AWS) standards. Adding up to date equipment such as a hydraulic shear will increase the efficiency of offering industry certifications to students.

4. Indicate any related costs (including any ongoing maintenance or updates) and department/program's plans to support those costs.

There is no anticipated ongoing cost with the purchase of the proposed equipment.

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

The "hands-on" projects as delineated in each of the curriculums will have to be deferred and will affect the practical learning aspects of the students in the program, as well as, the students' ability to receive high paying jobs. And the program will continue to struggle with expenses of the gasses used for thermal cutting.