

**EQUIPMENT NEEDS ASSESSMENT APPLICATION**  
**Fall 2016**

Name of Person Submitting Request:	<b>Miguel Ortiz</b>
Program or Service Area:	<b>Machinist Technology</b>
Division:	<b>Applied Technology, Transportation and Culinary Arts</b>
Date of Last Program Efficacy:	<b>Spring 2015</b>
What rating was given?	<b>Continuation</b>
Equipment Requested	<b>Conventional Lathe</b>
Amount Requested:	<b>\$24,000.00</b>
Strategic Initiatives Addressed: (See <a href="http://www.valleycollege.edu/about-sbvc/office-of-president/college_planning_documents/documents/strategic-plan-report-working-doc-8-25-15-2.pdf">http://www.valleycollege.edu/about-sbvc/office-of-president/college_planning_documents/documents/strategic-plan-report-working-doc-8-25-15-2.pdf</a> )	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 conventional lathes in the SBVC Machinist Program. Adding this equipment will allow students the opportunity to learn how to operate a conventional lathe. The importance of this is the local industry need for parts being repaired and manufactured on conventional equipment. Student will directly benefit from the addition to the program because it will allow them the opportunity to complete projects in a given semester. This means the students will have more time to practice their conventional skills and less time waiting for an available conventional lathe; increasing the skill level of the students adding to overall student success. There are not enough funds in the Department budget or the Machinist Department’s share of Perkins funds to purchase the conventional lathe.

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.*)

Without a full time instructor for more than six years Machinist technology has not received its fair share of funding, leaving the program with inadequate amounts of supplies, tools, and equipment. Adequate supplies will also help with students’ enrollment once the students see that the program offers the necessary supplies for their success.

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 Machinist Program strives to comply with the National Institute for Metalworking Skills (NIMS) certification standards the program is also in the process of re- accreditation. Maintaining the quality of the program through the needed hands-on applications, by providing the necessary supplies, will increase student's ability to earn industry required certification and higher paying jobs.

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 described in each of the courses will have to be delayed or left out and will affect the practical learning aspects of the students in the program, as well as, the students' ability to receive high paying jobs due to missing skill sets.  
SBVC will not have the ability to accommodate contract education due to insufficient equipment