

**EQUIPMENT NEEDS ASSESSMENT APPLICATION**  
**Fall 2017**

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|--|---|
| 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>Machine tool accessories</b>                             |
| Amount Requested:  | <b>\$15,000.00</b>  |
| Strategic Initiatives Addressed:<br><a href="#">Strategic Directions + Goals</a> | 1 and 2   |

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 and Perkins \_\_\_\_\_

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

The requested equipment will provide the machine tool accessories needed to ensure students have the required training to achieve industry recognized certifications. Much of the Machinist Technology Department budget is for wages and benefits. The department would like to request \$15,000 to cover the costs for machine tool accessories used in the program including needed for student projects: indexing head, rotary table, punch former, radius grinder former etc. . .

1. 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.*)

As the machinist technology program works to increase the robustness of its curriculum and alignment of the NIMS credentials, machine tool accessories are required to teach the skills needed to acquire certifications. Machinist technology has not received much funding, resulting in inadequate amounts of supplies, tools, and equipment. Improved equipment will help retention and enrollment with students’ as the program offers the necessary equipment for their success.

2. 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 equipment, will increase student's ability to earn industry required certification and higher paying jobs.

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

The requested equipment is a part of the much needed update to the Machinist Program. We will continue to do our best to reduce cost as much as possible and partner with our advisory committee to receive donations when available.

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

The "hands-on" projects required in each of the certifications 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 achieve certifications due to missing skill sets.